

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: June 25, 2004, 09:28:35 ; Search time 22 Seconds
(without alignments)
711.030 Million cell updates/sec

Title: US-10-047-021-86
Perfect score: 303
Sequence: 1 MCGGDSLLGGRSLPLLLL.....SOPRLPREARELQRRNTG 303

Scoring table: OLIGO

Gapop 60.0 , Gapext 60.0

Searched: 389414 seqs, 51625971 residues

Word size : 0

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Listing first 1000 summaries

Database : Issued Patents AA:*

- 1: /cgn2_6/prodata/2/1aa/5A_COMB.pep:*
- 2: /cgn2_6/prodata/2/1aa/5B_COMB.pep:*
- 3: /cgn2_6/prodata/2/1aa/6A_COMB.pep:*
- 4: /cgn2_6/prodata/2/1aa/6B_COMB.pep:*
- 5: /cgn2_6/prodata/2/1aa/PCUTUS_COMB.pep:*
- 6: /cgn2_6/prodata/2/1aa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	10	3.3	1209	4	US-09-130-158A-2
2	8	2.6	118	4	US-09-621-976-4124
3	8	2.6	161	4	US-09-673-395A-577
4	8	2.6	189	2	US-08-837-029-2
5	8	2.6	287	4	US-09-800-729-114
6	8	2.6	287	4	US-09-800-729-153
7	8	2.6	330	4	US-09-615-192A-284
8	8	2.6	613	4	US-09-800-729-82
9	8	2.6	613	4	US-09-800-729-98
10	8	2.6	1501	2	US-08-447-464-3
11	8	2.6	1501	2	US-08-716-679-3
12	8	2.6	1911	1	US-08-348-006B-5
13	8	2.6	1911	2	US-08-800-825A-5
14	8	2.6	1911	3	US-09-158-657-5
15	8	2.6	1911	5	PCr-US94-10166-5
16	7	2.3	15	5	PCr-US93-06731-29
17	7	2.3	57	2	US-08-318-837-50
18	7	2.3	66	4	US-09-540-236-2630
19	7	2.3	77	3	US-09-246-500B-14
20	7	2.3	94	4	US-09-621-976-4010
21	7	2.3	94	4	US-09-858-664A-23
22	7	2.3	94	4	US-10-274-978-24
23	7	2.3	119	4	US-08-858-664A-30
24	7	2.3	119	4	US-10-274-978-31
25	7	2.3	126	1	US-08-276-852-142
26	7	2.3	126	1	US-08-899-575-142
27	7	2.3	126	1	US-08-899-575-142

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29	7	2.3	134	4	US-09-621-976-3902	Sequence 3902, Ap
30	7	2.3	155	4	US-09-543-681A-4921	Sequence 4921, Ap
31	7	2.3	158	4	US-09-252-991A-32569	Sequence 32569, A
32	7	2.3	185	4	US-09-252-991A-26514	Sequence 26514, A
33	7	2.3	187	4	US-09-252-991A-29971	Sequence 29971, A
34	7	2.3	204	4	US-09-252-991A-30186	Sequence 30186, A
35	7	2.3	209	1	US-08-455-001-2	Sequence 2, Appli
36	7	2.3	209	3	US-08-308-814-2	Sequence 2, Appli
37	7	2.3	209	4	US-09-214-631-6	Sequence 6, Appli
38	7	2.3	209	5	PCT-US95-11869-2	Sequence 2, Appli
39	7	2.3	213	1	US-09-609-324A-10	Sequence 10, Appl
40	7	2.3	213	2	US-08-920-440B-10	Sequence 10, Appl
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42	7	2.3	213	3	US-09-173-492-10	Sequence 10, Appl
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49	7	2.3	242	4	US-09-182-616-6	Sequence 6, Appli
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51	7	2.3	246	4	US-09-524-100C-4	Sequence 4, Appli
52	7	2.3	248	3	US-08-341-018-52	Sequence 52, Appl
53	7	2.3	248	3	US-08-470-335-210	Sequence 210, App
54	7	2.3	248	3	US-08-470-339-210	Sequence 210, App
55	7	2.3	248	4	US-09-138-603C-2	Sequence 2, Appli
56	7	2.3	248	4	US-08-467-602-207	Sequence 207, App
57	7	2.3	248	4	US-08-467-602-404	Sequence 404, App
58	7	2.3	252	3	US-08-812-586-48	Sequence 48, Appl
59	7	2.3	252	4	US-09-535-832A-45	Sequence 45, Appl
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61	7	2.3	256	3	US-09-368-240-3	Sequence 3, Appli
62	7	2.3	256	4	US-09-488-702-3	Sequence 3, Appli
63	7	2.3	262	4	US-09-328-352-6038	Sequence 6038, Ap
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65	7	2.3	270	3	US-09-199-887-1	Sequence 1, Appli
66	7	2.3	273	4	US-09-252-991A-31835	Sequence 31835, A
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69	7	2.3	279	2	US-09-008-960-1	Sequence 1, Appli
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74	7	2.3	295	4	US-09-252-991A-17410	Sequence 17410, A
75	7	2.3	298	4	US-09-252-991A-29291	Sequence 29291, A
76	7	2.3	311	2	US-08-318-837-7	Sequence 7, Appli
77	7	2.3	318	1	US-08-220-958-4	Sequence 4, Appli
78	7	2.3	318	4	US-09-489-039A-10467	Sequence 10467, A
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84	7	2.3	346	4	US-09-252-991A-24156	Sequence 24156, A
85	7	2.3	349	3	US-08-470-335-188	Sequence 188, App
86	7	2.3	353	4	US-09-907-794A-2	Sequence 2, Appli
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88	7	2.3	353	4	US-09-902-775A-2	Sequence 2, Appli
89	7	2.3	358	4	US-08-252-991A-22410	Sequence 22410, A
90	7	2.3	369	4	US-10-107-532A-5754	Sequence 5754, Ap
91	7	2.3	382	4	US-08-467-602-382	Sequence 382, App
92	7	2.3	390	4	US-09-489-039A-9757	Sequence 9757, Ap
93	7	2.3	405	4	US-08-467-602-384	Sequence 384, App
94	7	2.3	411	3	US-08-470-339-189	Sequence 189, App
95	7	2.3	414	3	US-08-470-339-188	Sequence 188, App
96	7	2.3	422	1	US-08-036-555B-170	Sequence 170, App
97	7	2.3	422	1	US-08-469-569-170	Sequence 170, App
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99	7	2.3	422	1	US-08-249-322A-170	Sequence 170, App
100	7	2.3	422	1	US-08-428-927-3	Sequence 3, Appli

101	7	2.3	422	1	US-08-428-398-3	Sequence 3, Appli	174	7	2.3	613	3	US-08-470-335-230	Sequence 230, App
102	7	2.3	422	1	US-08-339-517-3	Sequence 3, Appli	175	7	2.3	613	4	US-08-467-602-329	Sequence 329, App
103	7	2.3	422	1	US-08-469-526A-170	Sequence 170, App	176	7	2.3	624	4	US-08-467-602-326	Sequence 326, App
104	7	2.3	422	1	US-08-734-591A-170	Sequence 170, App	177	7	2.3	629	1	US-08-278-635B-6	Sequence 6, Appli
105	7	2.3	422	2	US-08-469-560-170	Sequence 170, App	178	7	2.3	629	3	US-08-464-258B-6	Sequence 6, Appli
106	7	2.3	422	2	US-08-341-018-72	Sequence 72, Appli	179	7	2.3	629	3	US-08-471-961-6	Sequence 6, Appli
107	7	2.3	422	3	US-08-470-335-170	Sequence 170, App	180	7	2.3	629	4	US-09-345-109C-6	Sequence 6, Appli
108	7	2.3	422	3	US-08-735-021-170	Sequence 170, App	181	7	2.3	633	4	US-08-467-602-335	Sequence 335, App
109	7	2.3	422	3	US-08-734-664A-170	Sequence 170, App	182	7	2.3	633	4	US-08-470-335-240	Sequence 240, App
110	7	2.3	422	3	US-08-470-339-170	Sequence 170, App	183	7	2.3	635	4	US-08-467-602-302	Sequence 302, App
111	7	2.3	422	3	US-08-071-224-2	Sequence 2, Appli	184	7	2.3	635	4	US-08-467-602-365	Sequence 365, App
112	7	2.3	422	4	US-08-467-602-170	Sequence 170, App	185	7	2.3	636	4	US-07-757-342D-7	Sequence 7, Appli
113	7	2.3	422	4	US-08-467-602-324	Sequence 324, App	186	7	2.3	636	4	US-09-461-657B-7	Sequence 7, Appli
114	7	2.3	422	4	US-08-866-028-32	Sequence 32, Appli	187	7	2.3	638	3	US-08-470-335-240	Sequence 240, App
115	7	2.3	422	5	PCT-US94-05083C-166	Sequence 166, App	188	7	2.3	638	4	US-08-467-602-397	Sequence 397, App
116	7	2.3	422	5	PCT-US94-05083C-185	Sequence 185, App	189	7	2.3	638	4	US-08-467-602-360	Sequence 360, App
117	7	2.3	422	5	PCT-US95-06846A-170	Sequence 170, App	190	7	2.3	644	3	US-08-470-335-250	Sequence 250, App
118	7	2.3	425	3	US-08-470-335-226	Sequence 226, App	191	7	2.3	644	4	US-08-467-602-311	Sequence 311, App
119	7	2.3	425	4	US-08-467-602-320	Sequence 320, App	192	7	2.3	644	4	US-08-467-602-374	Sequence 374, App
120	7	2.3	426	4	US-08-486-192-2	Sequence 2, Appli	193	7	2.3	647	3	US-08-470-335-243	Sequence 243, App
121	7	2.3	433	4	US-08-705-448-3	Sequence 3, Appli	194	7	2.3	647	4	US-08-467-602-308	Sequence 308, App
122	7	2.3	434	3	US-08-012-072-4	Sequence 4, Appli	195	7	2.3	647	4	US-08-467-602-371	Sequence 371, App
123	7	2.3	434	3	US-08-120-601-4	Sequence 4, Appli	196	7	2.3	658	4	US-08-467-602-305	Sequence 305, App
124	7	2.3	445	3	US-08-974-691-6	Sequence 6, Appli	197	7	2.3	658	4	US-08-467-602-368	Sequence 368, App
125	7	2.3	445	3	US-08-467-602-328	Sequence 328, App	198	7	2.3	658	4	US-09-252-991A-20495	Sequence 20495, A
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127	7	2.3	449	4	US-08-252-991A-17248	Sequence 17248, A	200	7	2.3	667	4	US-08-467-602-377	Sequence 377, App
128	7	2.3	451	3	US-08-974-691-2	Sequence 2, Appli	201	7	2.3	669	4	US-08-467-602-344	Sequence 344, App
129	7	2.3	453	4	US-08-532-856-6	Sequence 6, Appli	202	7	2.3	672	4	US-08-467-602-339	Sequence 339, App
130	7	2.3	453	4	US-08-524-100C-6	Sequence 6, Appli	203	7	2.3	673	3	US-09-063-950-2	Sequence 2, Appli
131	7	2.3	456	3	US-08-470-335-246	Sequence 246, App	204	7	2.3	678	4	US-08-467-602-353	Sequence 353, App
132	7	2.3	456	3	US-08-467-602-303	Sequence 303, App	205	7	2.3	681	4	US-08-467-602-350	Sequence 350, App
133	7	2.3	456	4	US-08-467-602-366	Sequence 366, App	206	7	2.3	689	4	US-09-252-991A-31790	Sequence 31790, A
134	7	2.3	458	4	US-08-467-602-30327	Sequence 30327, A	207	7	2.3	692	4	US-08-467-602-347	Sequence 347, App
135	7	2.3	459	3	US-08-470-335-239	Sequence 239, App	208	7	2.3	694	1	US-09-252-991A-22279	Sequence 22279, A
136	7	2.3	459	4	US-08-467-602-299	Sequence 299, App	209	7	2.3	699	1	US-08-348-006B-7	Sequence 7, Appli
137	7	2.3	459	4	US-08-467-602-362	Sequence 362, App	210	7	2.3	699	2	US-08-800-825A-7	Sequence 7, Appli
138	7	2.3	463	4	US-09-907-794A-285	Sequence 285, App	211	7	2.3	699	3	US-09-158-657-7	Sequence 7, Appli
139	7	2.3	463	4	US-09-905-125A-285	Sequence 285, App	212	7	2.3	699	3	US-07-757-342D-2	Sequence 2, Appli
140	7	2.3	463	4	US-09-902-775A-285	Sequence 285, App	213	7	2.3	699	4	US-09-461-657B-2	Sequence 2, Appli
141	7	2.3	479	4	US-08-467-602-307	Sequence 307, App	214	7	2.3	701	4	US-08-467-602-356	Sequence 356, App
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151	7	2.3	490	4	US-08-467-602-345	Sequence 345, App	224	7	2.3	711	4	US-08-600-991-20	Sequence 20, Appli
152	7	2.3	490	4	US-09-134-000C-6176	Sequence 6176, Ap	225	7	2.3	711	5	PCT-US95-13830-2	Sequence 2, Appli
153	7	2.3	492	1	US-07-794-393-4	Sequence 4, Appli	226	7	2.3	716	2	US-08-766-982-1	Sequence 1, Appli
154	7	2.3	492	1	US-08-001-711-4	Sequence 4, Appli	227	7	2.3	716	3	US-09-296-219-1	Sequence 1, Appli
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157	7	2.3	513	4	US-08-467-602-349	Sequence 349, App	230	7	2.3	821	3	US-08-470-335-228	Sequence 228, App
158	7	2.3	516	4	US-08-252-991A-19788	Sequence 19788, A	231	7	2.3	821	4	US-08-467-602-319	Sequence 319, App
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165	7	2.3	563	4	US-08-600-991-4	Sequence 4, Appli	238	7	2.3	841	4	US-08-467-602-327	Sequence 327, App
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172	7	2.3	610	3	US-08-470-335-236	Sequence 336, App	245	7	2.3	855	2	US-08-938-355-3	Sequence 3, Appli
173	7	2.3	610	4	US-08-467-602-332	Sequence 332, App	246	7	2.3	855	3	US-08-470-335-241	Sequence 241, App

247	7	2.3	855	4	US-08-467-602-298	Sequence 298, App	320	7	2.3	1684	3	US-08-762-500-25	Sequence 25, Appl
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249	7	2.3	861	3	US-08-470-335-231	Sequence 231, App	322	7	2.3	2321	4	US-09-230-652-2	Sequence 2, Appl
250	7	2.3	861	4	US-08-467-602-312	Sequence 312, App	323	7	2.3	2703	1	US-08-185-432-19	Sequence 19, Appl
251	7	2.3	861	4	US-08-467-602-375	Sequence 375, App	324	7	2.3	2703	1	US-08-899-232-4	Sequence 4, Appl
252	7	2.3	864	3	US-08-470-335-244	Sequence 244, App	325	6	2.0	10	3	US-09-133-0620-4	Sequence 4, Appl
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254	7	2.3	864	3	US-08-467-602-372	Sequence 372, App	327	6	2.0	14	3	US-09-413-452-7	Sequence 7, Appl
255	7	2.3	865	3	US-08-470-335-235	Sequence 235, App	328	6	2.0	14	3	US-09-413-068-7	Sequence 7, Appl
256	7	2.3	865	4	US-08-467-602-332	Sequence 332, App	329	6	2.0	15	3	US-09-413-452-11	Sequence 11, Appl
257	7	2.3	867	2	US-08-938-365-2	Sequence 2, Appl	330	6	2.0	15	3	US-09-413-068-11	Sequence 11, Appl
258	7	2.3	868	3	US-08-470-335-229	Sequence 229, App	331	6	2.0	19	1	US-08-457-274A-3	Sequence 3, Appl
259	7	2.3	868	4	US-08-467-602-317	Sequence 317, App	332	6	2.0	19	5	PCT-US95-05758-3	Sequence 3, Appl
260	7	2.3	874	3	US-08-470-335-238	Sequence 238, App	333	6	2.0	23	2	US-08-452-450A-15	Sequence 15, Appl
261	7	2.3	874	4	US-08-467-602-334	Sequence 334, App	334	6	2.0	26	1	US-07-342-245-452	Sequence 452, App
262	7	2.3	875	4	US-08-467-602-306	Sequence 306, App	335	6	2.0	26	2	US-08-502-516-5	Sequence 5, Appl
263	7	2.3	875	4	US-08-467-602-369	Sequence 369, App	336	6	2.0	26	4	US-09-847-185-5	Sequence 5, Appl
264	7	2.3	877	3	US-08-470-335-232	Sequence 232, App	337	6	2.0	29	4	US-09-205-258-1187	Sequence 1187, Ap
265	7	2.3	877	4	US-08-467-602-331	Sequence 331, App	338	6	2.0	29	4	US-09-117-415B-24	Sequence 24, Appl
266	7	2.3	884	4	US-08-467-602-315	Sequence 315, App	339	6	2.0	29	4	US-10-153-064-72	Sequence 72, Appl
267	7	2.3	884	4	US-08-467-602-378	Sequence 378, App	340	6	2.0	30	5	PCT-US94-04361-31	Sequence 31, Appl
268	7	2.3	884	4	US-08-467-602-342	Sequence 342, App	341	6	2.0	32	1	US-08-085-122-8	Sequence 8, Appl
269	7	2.3	888	4	US-08-467-602-332	Sequence 332, App	342	6	2.0	32	2	US-08-319-052-18	Sequence 18, Appl
270	7	2.3	888	4	US-08-467-602-362	Sequence 362, App	343	6	2.0	32	3	US-08-442-108B-18	Sequence 18, Appl
271	7	2.3	889	4	US-08-467-602-340	Sequence 340, App	344	6	2.0	32	5	PCT-US95-15696-3	Sequence 3, Appl
272	7	2.3	895	4	US-08-467-602-354	Sequence 354, App	345	6	2.0	33	3	US-08-935-263-21	Sequence 21, Appl
273	7	2.3	897	4	US-08-467-602-337	Sequence 337, App	346	6	2.0	33	4	US-08-935-263-21	Sequence 21, Appl
274	7	2.3	898	4	US-08-467-602-321	Sequence 321, App	347	6	2.0	36	1	US-08-441-534A-9	Sequence 9, Appl
275	7	2.3	899	3	US-08-470-335-249	Sequence 249, App	348	6	2.0	36	1	US-08-629-752-9	Sequence 9, Appl
276	7	2.3	899	4	US-08-467-602-301	Sequence 301, App	349	6	2.0	36	2	US-08-802-991-9	Sequence 9, Appl
277	7	2.3	899	4	US-08-467-602-364	Sequence 364, App	350	6	2.0	38	1	US-08-176-500-22	Sequence 22, Appl
278	7	2.3	902	3	US-08-470-335-242	Sequence 242, App	351	6	2.0	38	1	US-08-471-052A-22	Sequence 22, Appl
279	7	2.3	902	4	US-08-467-602-296	Sequence 296, App	352	6	2.0	38	1	US-08-189-331-22	Sequence 22, Appl
280	7	2.3	902	4	US-08-467-602-359	Sequence 359, App	353	6	2.0	38	2	US-08-471-939-22	Sequence 22, Appl
281	7	2.3	902	4	US-09-252-991A-19897	Sequence 19897, A	354	6	2.0	38	2	US-08-471-800-22	Sequence 22, Appl
282	7	2.3	908	3	US-08-470-335-252	Sequence 252, App	355	6	2.0	38	2	US-08-471-068-22	Sequence 22, App
283	7	2.3	908	4	US-08-467-602-313	Sequence 313, App	356	6	2.0	41	4	US-09-227-357-225	Sequence 225, App
284	7	2.3	908	4	US-08-467-602-376	Sequence 376, App	357	6	2.0	47	2	US-08-142-551B-127	Sequence 127, App
285	7	2.3	909	4	US-08-467-602-348	Sequence 348, App	358	6	2.0	47	4	US-08-977-378-13	Sequence 13, Appl
286	7	2.3	911	3	US-08-470-335-245	Sequence 245, App	359	6	2.0	47	4	US-09-149-476-435	Sequence 435, App
287	7	2.3	911	3	US-08-460-269C-4	Sequence 4, Appl	360	6	2.0	48	2	US-08-370-156-9	Sequence 9, Appl
288	7	2.3	911	4	US-08-467-602-310	Sequence 310, App	361	6	2.0	48	3	US-08-390-065-22	Sequence 22, Appl
289	7	2.3	911	4	US-08-467-602-373	Sequence 373, App	362	6	2.0	48	3	US-08-975-082-4	Sequence 4, Appl
290	7	2.3	918	4	US-08-467-602-357	Sequence 357, App	363	6	2.0	48	4	US-09-453-322B-14	Sequence 14, Appl
291	7	2.3	922	3	US-08-460-269C-6	Sequence 6, Appl	364	6	2.0	48	4	US-09-380-532-12	Sequence 12, Appl
292	7	2.3	922	4	US-08-467-602-304	Sequence 304, App	365	6	2.0	50	2	US-08-766-858A-30	Sequence 30, Appl
293	7	2.3	922	4	US-08-467-602-367	Sequence 367, App	366	6	2.0	50	3	US-08-861-572-1	Sequence 1, Appl
294	7	2.3	931	4	US-08-467-602-316	Sequence 316, App	367	6	2.0	52	4	US-09-482-273-139	Sequence 139, App
295	7	2.3	931	4	US-08-467-602-379	Sequence 379, App	368	6	2.0	55	4	US-09-621-976-5902	Sequence 5902, Ap
296	7	2.3	933	4	US-08-467-602-343	Sequence 343, App	369	6	2.0	55	4	US-09-621-976-6184	Sequence 6184, Ap
297	7	2.3	936	4	US-08-467-602-338	Sequence 338, App	370	6	2.0	55	4	US-09-621-976-6467	Sequence 6467, Ap
298	7	2.3	937	2	US-08-469-537A-105	Sequence 105, App	371	6	2.0	63	4	US-09-621-976-5954	Sequence 5954, Ap
299	7	2.3	945	4	US-08-467-602-355	Sequence 355, App	372	6	2.0	63	4	US-09-621-976-5960	Sequence 5960, Ap
300	7	2.3	956	4	US-08-467-602-346	Sequence 346, App	373	6	2.0	70	4	US-09-205-258-432	Sequence 432, App
301	7	2.3	965	4	US-08-467-602-358	Sequence 358, App	374	6	2.0	72	4	US-08-469-260A-233	Sequence 233, App
302	7	2.3	969	2	US-08-548-159-1	Sequence 1, Appl	375	6	2.0	72	4	US-08-488-446-233	Sequence 233, App
303	7	2.3	986	2	US-08-548-159-3	Sequence 3, Appl	376	6	2.0	72	4	US-08-467-344A-233	Sequence 233, App
304	7	2.3	993	3	US-09-060-410-4	Sequence 4, Appl	377	6	2.0	73	4	US-09-205-258-1083	Sequence 1083, Ap
305	7	2.3	993	4	US-09-723-458-4	Sequence 4, Appl	378	6	2.0	78	4	US-09-130-339-4	Sequence 4, Appl
306	7	2.3	999	1	US-08-252-626A-2	Sequence 2, Appl	379	6	2.0	78	4	US-09-621-976-3884	Sequence 3884, Ap
307	7	2.3	1001	4	US-08-884-569A-2	Sequence 2, Appl	380	6	2.0	80	4	US-09-489-039A-11364	Sequence 11364, A
308	7	2.3	1012	4	US-08-811-481-16	Sequence 16, Appl	381	6	2.0	81	2	US-08-812-003-2	Sequence 2, Appl
309	7	2.3	1012	4	US-09-876-527-16	Sequence 16, Appl	382	6	2.0	81	4	US-09-148-545-159	Sequence 159, App
310	7	2.3	1049	4	US-09-252-991A-19919	Sequence 19919, A	383	6	2.0	87	3	US-08-554-840-16	Sequence 16, Appl
311	7	2.3	1083	4	US-09-328-352-5493	Sequence 5493, Ap	384	6	2.0	87	3	US-08-554-840-19	Sequence 19, Appl
312	7	2.3	1306	3	US-08-989-299-7	Sequence 7, Appl	385	6	2.0	87	3	US-08-554-840-20	Sequence 20, Appl
313	7	2.3	1306	4	US-09-407-427-7	Sequence 7, Appl	386	6	2.0	87	4	US-08-925-339-16	Sequence 16, Appl
314	7	2.3	1337	3	US-08-854-585-2	Sequence 2, Appl	387	6	2.0	87	4	US-08-925-339-19	Sequence 19, Appl
315	7	2.3	1337	4	US-09-447-533-2	Sequence 2, Appl	388	6	2.0	87	4	US-08-925-339-20	Sequence 20, Appl
316	7	2.3	1337	5	PCT-US95-05512-2	Sequence 2, Appl	389	6	2.0	87	4	US-09-332-595-16	Sequence 16, Appl
317	7	2.3	1665	4	US-09-858-664A-2	Sequence 2, Appl	390	6	2.0	87	4	US-09-332-595-19	Sequence 19, Appl
318	7	2.3	1665	4	US-10-274-978-2	Sequence 2, Appl	391	6	2.0	87	4	US-09-332-595-20	Sequence 20, Appl
319	7	2.3	1684	3	US-08-665-259-25	Sequence 25, Appl	392	6	2.0	88	1	US-08-091-569-21	Sequence 21, Appl

393	6	2.0	88	1	US-08-203-676-21	Sequence 21, Appl	466	6	2.0	132	4	US-09-252-991A-18677	Sequence 18677, A
394	6	2.0	88	2	US-08-822-238-21	Sequence 21, Appl	467	6	2.0	134	4	US-03-621-976-5076	Sequence 5076, Ap
395	6	2.0	88	3	US-09-263-933-23	Sequence 23, Appl	468	6	2.0	137	4	US-09-252-991A-29998	Sequence 29998, A
396	6	2.0	88	4	US-09-919-501-23	Sequence 23, Appl	469	6	2.0	137	4	US-03-489-039A-13086	Sequence 13086, A
397	6	2.0	90	2	US-08-341-843B-28	Sequence 28, Appl	470	6	2.0	139	4	US-09-634-238-355	Sequence 355, App
398	6	2.0	90	2	US-08-427-497B-33	Sequence 33, Appl	471	6	2.0	139	4	US-09-252-991A-31166	Sequence 31166, A
399	6	2.0	94	2	US-07-728-215-35	Sequence 35, Appl	472	6	2.0	140	4	US-03-252-991A-22118	Sequence 22118, A
400	6	2.0	94	4	US-08-538-085A-35	Sequence 35, Appl	473	6	2.0	140	4	US-03-252-991A-25737	Sequence 25737, A
401	6	2.0	94	4	US-10-072-844-35	Sequence 35, Appl	474	6	2.0	142	2	US-08-480-774A-2	Sequence 2, Appl
402	6	2.0	94	4	US-10-072-838-35	Sequence 35, Appl	475	6	2.0	145	4	US-09-252-991A-32495	Sequence 32495, A
403	6	2.0	94	4	US-10-072-841A-35	Sequence 35, Appl	476	6	2.0	147	4	US-03-328-352-7654	Sequence 7654, Ap
404	6	2.0	95	2	US-08-461-990B-25	Sequence 25, Appl	477	6	2.0	147	4	US-09-489-039A-13676	Sequence 13676, A
405	6	2.0	95	2	US-08-461-990B-26	Sequence 26, Appl	478	6	2.0	149	4	US-09-252-991A-22850	Sequence 22850, A
406	6	2.0	96	4	US-09-328-352-5026	Sequence 5026, Ap	479	6	2.0	150	2	US-08-867-676-3	Sequence 3, Appl
407	6	2.0	100	4	US-09-621-976-5911	Sequence 5911, Ap	480	6	2.0	150	2	US-08-387-942C-44	Sequence 44, Appl
408	6	2.0	101	4	US-09-543-681B-8036	Sequence 8036, Ap	481	6	2.0	150	2	US-08-387-942C-52	Sequence 52, Appl
409	6	2.0	104	4	US-09-489-039A-12991	Sequence 12991, A	482	6	2.0	150	4	US-09-582-337-14	Sequence 14, Appl
410	6	2.0	106	2	US-08-652-558-48	Sequence 48, Appl	483	6	2.0	151	4	US-09-489-039A-13318	Sequence 13318, A
411	6	2.0	106	4	US-09-489-039A-11258	Sequence 11258, A	484	6	2.0	152	4	US-08-831-399-4	Sequence 4, Appl
412	6	2.0	106	4	US-09-621-976-5411	Sequence 5411, Ap	485	6	2.0	152	4	US-09-366-862-4	Sequence 4, Appl
413	6	2.0	108	4	US-09-712-529-2	Sequence 2, Appl	486	6	2.0	152	4	US-09-368-772-4	Sequence 4, Appl
414	6	2.0	110	4	US-09-552-991A-17318	Sequence 17318, A	487	6	2.0	152	4	US-03-673-955A-408	Sequence 408, App
415	6	2.0	113	4	US-08-816-772-2	Sequence 2, Appl	488	6	2.0	152	4	US-09-621-976-7670	Sequence 7670, Ap
416	6	2.0	113	4	US-08-816-772-9	Sequence 9, Appl	489	6	2.0	153	2	US-08-652-558-41	Sequence 41, Appl
417	6	2.0	114	1	US-08-352-324A-3	Sequence 3, Appl	490	6	2.0	153	4	US-09-252-991A-18887	Sequence 18887, A
418	6	2.0	114	2	US-08-862-607-3	Sequence 3, Appl	491	6	2.0	155	4	US-09-148-545-178	Sequence 178, App
419	6	2.0	114	2	US-08-468-819-4	Sequence 4, Appl	492	6	2.0	157	4	US-09-668-262A-2	Sequence 2, Appl
420	6	2.0	114	3	US-09-203-235-3	Sequence 3, Appl	493	6	2.0	157	4	US-03-114-000C-5250	Sequence 5250, Ap
421	6	2.0	114	4	US-08-679-493A-149	Sequence 149, App	494	6	2.0	158	2	US-08-665-647-13	Sequence 13, Appl
422	6	2.0	114	4	US-09-213-383-4	Sequence 4, Appl	495	6	2.0	160	4	US-09-138-452A-1244	Sequence 1244, Ap
423	6	2.0	114	4	US-08-747-562-32	Sequence 32, Appl	496	6	2.0	162	4	US-09-199-637A-431	Sequence 431, Appl
424	6	2.0	114	5	PCT-US95-1614A-3	Sequence 3, Appl	497	6	2.0	163	2	US-08-867-676-1	Sequence 1, Appl
425	6	2.0	115	4	US-09-366-965-3	Sequence 3, Appl	498	6	2.0	164	4	US-09-252-991A-20288	Sequence 20288, A
426	6	2.0	115	4	US-08-709-747-18	Sequence 18, Appl	499	6	2.0	164	4	US-09-252-991A-25994	Sequence 25994, A
427	6	2.0	116	1	US-08-458-298-18	Sequence 18, Appl	500	6	2.0	165	4	US-09-489-039A-9800	Sequence 9800, Ap
428	6	2.0	116	3	US-08-545-809A-92	Sequence 92, Appl	501	6	2.0	165	4	US-09-489-039A-8371	Sequence 8371, Ap
429	6	2.0	116	3	US-08-545-809A-140	Sequence 140, App	502	6	2.0	171	4	US-09-252-991A-25844	Sequence 25844, A
430	6	2.0	116	4	US-09-134-001C-4223	Sequence 4223, Ap	503	6	2.0	172	4	US-09-472-087-7	Sequence 7, Appl
431	6	2.0	117	4	US-09-149-476-642	Sequence 642, App	504	6	2.0	172	4	US-09-472-087-86	Sequence 86, Appl
432	6	2.0	118	3	US-08-545-809A-116	Sequence 116, App	505	6	2.0	174	4	US-09-252-991A-17885	Sequence 17885, A
433	6	2.0	118	3	US-08-545-809A-123	Sequence 123, App	506	6	2.0	174	4	US-09-252-991A-25719	Sequence 25719, A
434	6	2.0	118	3	US-08-545-809A-142	Sequence 142, App	507	6	2.0	175	4	US-03-621-976-5160	Sequence 5160, Ap
435	6	2.0	118	4	US-09-025-769B-25	Sequence 25, Appl	508	6	2.0	177	2	US-08-465-794-17	Sequence 17, Appl
436	6	2.0	119	1	US-08-360-125-5	Sequence 5, Appl	509	6	2.0	177	3	US-09-049-813-17	Sequence 17, Appl
437	6	2.0	119	2	US-08-450-578-5	Sequence 5, Appl	510	6	2.0	177	4	US-09-252-991A-31297	Sequence 31297, A
438	6	2.0	119	2	US-09-017-628-5	Sequence 5, Appl	511	6	2.0	177	4	US-09-227-853A-13	Sequence 13, Appl
439	6	2.0	119	2	US-09-014-880-5	Sequence 5, Appl	512	6	2.0	178	2	US-08-465-794-18	Sequence 18, Appl
440	6	2.0	119	4	US-09-025-769B-39	Sequence 39, Appl	513	6	2.0	178	3	US-09-049-813-18	Sequence 18, Appl
441	6	2.0	119	4	US-09-025-769B-65	Sequence 65, Appl	514	6	2.0	178	3	US-08-663-191A-4	Sequence 4, Appl
442	6	2.0	119	4	US-08-450-363-5	Sequence 5, Appl	515	6	2.0	178	4	US-09-315-689-3	Sequence 3, Appl
443	6	2.0	122	1	US-08-360-125-11	Sequence 11, Appl	516	6	2.0	181	4	US-09-315-689-5	Sequence 5, Appl
444	6	2.0	122	2	US-08-450-578-11	Sequence 11, Appl	517	6	2.0	181	4	US-09-134-000C-4936	Sequence 4936, Ap
445	6	2.0	122	2	US-09-017-628-11	Sequence 11, Appl	518	6	2.0	182	4	US-09-561-500-14	Sequence 14, Appl
446	6	2.0	122	2	US-09-014-880-11	Sequence 11, Appl	519	6	2.0	182	4	US-09-561-108-14	Sequence 14, Appl
447	6	2.0	122	4	US-08-450-363-11	Sequence 11, Appl	520	6	2.0	182	4	US-09-315-689-3	Sequence 3, Appl
448	6	2.0	123	2	US-08-675-508-2	Sequence 2, Appl	521	6	2.0	182	4	US-09-561-526-14	Sequence 14, Appl
449	6	2.0	123	3	US-09-203-539-2	Sequence 2, Appl	522	6	2.0	182	4	US-09-561-499-14	Sequence 14, Appl
450	6	2.0	123	3	US-09-203-539-6	Sequence 6, Appl	523	6	2.0	182	4	US-09-998-831-14	Sequence 14, Appl
451	6	2.0	123	3	US-09-251-835-2	Sequence 2, Appl	524	6	2.0	183	3	US-09-206-059-2	Sequence 2, Appl
452	6	2.0	123	3	US-09-251-835-6	Sequence 6, Appl	525	6	2.0	183	4	US-09-489-039A-7684	Sequence 7684, Ap
453	6	2.0	123	3	US-09-318-503-2	Sequence 2, Appl	526	6	2.0	184	4	US-09-252-991A-17955	Sequence 17955, A
454	6	2.0	123	3	US-09-318-503-6	Sequence 6, Appl	527	6	2.0	185	4	US-09-252-991A-32596	Sequence 32596, A
455	6	2.0	123	3	US-09-038-261A-2	Sequence 2, Appl	528	6	2.0	185	4	US-09-328-352-5524	Sequence 5524, Ap
456	6	2.0	123	3	US-09-038-261A-6	Sequence 6, Appl	529	6	2.0	185	4	US-09-134-000C-3620	Sequence 3620, Ap
457	6	2.0	123	4	US-09-564-329A-2	Sequence 2, Appl	530	6	2.0	186	4	US-09-252-991A-27151	Sequence 27151, A
458	6	2.0	123	4	US-09-564-329A-6	Sequence 6, Appl	531	6	2.0	186	4	US-09-724-864-48	Sequence 48, Appl
459	6	2.0	123	4	US-09-252-991A-31041	Sequence 31041, A	532	6	2.0	188	4	US-09-252-991A-23290	Sequence 23290, A
460	6	2.0	123	4	US-09-252-991A-31886	Sequence 31886, A	533	6	2.0	189	4	US-09-252-991A-26990	Sequence 26990, A
461	6	2.0	124	4	US-09-252-991A-17879	Sequence 17879, A	534	6	2.0	189	4	US-09-252-991A-30775	Sequence 30775, A
462	6	2.0	125	4	US-09-489-039A-9377	Sequence 9377, Ap	535	6	2.0	191	4	US-09-252-991A-28927	Sequence 28927, A
463	6	2.0	125	4	US-08-489-039A-14207	Sequence 14207, A	536	6	2.0	191	4	US-09-107-532A-5260	Sequence 5260, Ap
464	6	2.0	126	4	US-09-621-976-5014	Sequence 5014, Ap	537	6	2.0	193	4	US-09-199-476-501	Sequence 501, App
465	6	2.0	131	3	US-08-444-818-50	Sequence 50, Appl	538	6	2.0	193	4	US-09-919-172-37	Sequence 37, Appl

539 US-09-252-991A-26430 Sequence 26430, A 612
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541 US-08-240-124-4 Sequence 4, Appl 614
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552 US-08-299-567-4 Sequence 4, Appl 625
553 US-08-445-065-1 Sequence 1, Appl 626
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555 US-08-359-524-1 Sequence 1, Appl 628
556 US-08-959-524-12 Sequence 12, Appl 629
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558 US-09-611-452A-1 Sequence 1, Appl 631
559 US-09-252-991A-31167 Sequence 12, Appl 632
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561 US-09-252-991A-20515 Sequence 20515, A 634
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564 US-09-252-991A-18843 Sequence 18843, A 637
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582 US-09-489-039A-8572 Sequence 8572, Ap 655
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586 US-09-252-991A-31037 Sequence 31037, A 659
587 US-09-489-039A-9780 Sequence 9780, Ap 660
588 US-09-252-991A-17294 Sequence 17294, A 661
589 US-09-673-395A-514 Sequence 514, App 662
590 US-08-448-489-19 Sequence 19, Appl 663
591 US-09-252-991A-24479 Sequence 24479, A 664
592 US-09-252-991A-30351 Sequence 30351, A 665
593 US-09-214-631-7 Sequence 7, Appl 666
594 US-08-252-991A-23155 Sequence 23155, A 667
595 US-08-299-567-5 Sequence 5, Appl 668
596 US-08-243-545-6 Sequence 6, Appl 669
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600 US-09-328-352-6346 Sequence 6346, Ap 673
601 US-08-663-692-6 Sequence 6, Appl 674
602 US-08-444-626-6 Sequence 6, Appl 675
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604 US-09-015-734-7 Sequence 7, Appl 677
605 US-09-252-991A-19500 Sequence 19500, A 678
606 US-09-252-991A-28804 Sequence 28804, A 679
607 US-09-515-311-7 Sequence 7, Appl 680
608 US-09-711-164-457 Sequence 457, App 681
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245 US-09-489-039A-10637 Sequence 10637, A 619
246 US-09-413-814-98 Sequence 98, Appl 620
247 US-10-039-785-44 Sequence 44, Appl 621
248 US-09-336-093-5 Sequence 5, Appl 622
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250 US-09-513-057C-29 Sequence 29, Appl 624
251 US-09-252-991A-30501 Sequence 30501, A 625
252 US-09-252-991A-18953 Sequence 18953, A 626
253 US-09-252-991A-27943 Sequence 27943, A 627
254 US-09-252-991A-21758 Sequence 21758, A 628
255 US-08-208-007A-14 Sequence 14, Appl 629
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257 US-09-318-448-6 Sequence 6, Appl 631
258 US-08-915-095A-14 Sequence 14, Appl 632
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260 US-09-953-956-14 Sequence 14, Appl 634
261 US-08-553-125A-14 Sequence 14, Appl 635
262 US-09-515-311-2 Sequence 2, Appl 636
263 US-10-114-464-14 Sequence 14, Appl 637
264 US-09-325-932A-57 Sequence 57, Appl 638
265 US-09-543-681A-7794 Sequence 7794, Ap 639
266 US-09-489-039A-13452 Sequence 13452, A 640
267 US-08-744-026-3 Sequence 3, Appl 641
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269 US-09-261-767-3 Sequence 3, Appl 643
270 US-09-252-991A-23894 Sequence 23894, A 644
271 US-09-543-681A-5600 Sequence 5600, Ap 645
272 US-09-134-001C-3932 Sequence 3932, Ap 646
273 US-08-932-411A-18 Sequence 18, Appl 647
274 US-08-188-582-26 Sequence 26, Appl 648
275 US-08-646-715-26 Sequence 26, Appl 649
276 US-08-713-556F-42 Sequence 42, Appl 650
277 US-09-252-991A-21445 Sequence 21445, A 651
278 US-09-322-409-49 Sequence 49, Appl 652
279 US-09-451-527-49 Sequence 49, Appl 653
280 US-09-252-991A-32702 Sequence 32702, A 654
281 US-08-935-263-10 Sequence 10, Appl 655
282 US-09-594-185-10 Sequence 10, Appl 656
283 US-09-252-991A-22342 Sequence 22342, A 657
284 US-09-352-991A-27891 Sequence 27891, A 658
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286 US-09-252-991A-19715 Sequence 19715, A 660
287 US-09-252-991A-24319 Sequence 24319, A 661
288 US-09-252-991A-28324 Sequence 28324, A 662
289 US-09-252-991A-18050 Sequence 18050, A 663
290 US-09-252-991A-21100 Sequence 21100, A 664
291 US-08-324-977-38 Sequence 38, Appl 665
292 US-08-384-616-38 Sequence 38, Appl 666
293 US-09-315-850-38 Sequence 38, Appl 667
294 US-09-252-991A-23018 Sequence 23018, A 668
295 US-09-252-991A-27719 Sequence 27719, A 669
296 US-09-543-681A-4460 Sequence 4460, Ap 670
297 US-09-489-039A-10727 Sequence 10727, A 671
298 US-09-252-991A-19967 Sequence 19967, A 672
299 US-09-489-039A-7596 Sequence 7596, Ap 673
300 US-09-134-001C-2917 Sequence 2917, Ap 674
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302 US-09-386-653A-7 Sequence 7, Appl 676
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304 US-08-688-342-5 Sequence 5, Appl 678
305 US-09-113-788-5 Sequence 5, Appl 679
306 US-09-111-470-5 Sequence 5, Appl 680
307 US-09-322-409-44 Sequence 44, Appl 681
308 US-09-451-527-44 Sequence 44, Appl 682

685	6	2.0	232	4	US-09-543-681A-5819	Sequence 5819, Ap	758	6	2.0	335	4	US-09-921-099A-15	Sequence 15, Appl
686	6	2.0	293	4	US-09-134-001C-4367	Sequence 4367, Ap	759	6	2.0	336	3	US-09-105-537-27	Sequence 27, Appl
687	6	2.0	293	4	US-09-668-262A-12	Sequence 12, Appl	760	6	2.0	337	3	US-09-320-878-15	Sequence 15, Appl
688	6	2.0	223	4	US-09-134-000C-6254	Sequence 6254, Ap	761	6	2.0	337	3	US-09-105-537-14	Sequence 14, Appl
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696	6	2.0	301	3	US-09-430-421-2	Sequence 2, Appl	769	6	2.0	339	4	US-09-470-253-4	Sequence 4, Appl
697	6	2.0	301	4	US-09-347-504-12	Sequence 12, Appl	770	6	2.0	344	4	US-09-198-452A-857	Sequence 857, App
698	6	2.0	301	4	US-08-902-572-14	Sequence 14, Appl	771	6	2.0	344	4	US-09-107-532A-5049	Sequence 5049, Ap
699	6	2.0	301	4	US-09-773-430-1	Sequence 1, Appl	772	6	2.0	344	4	US-09-489-039A-8349	Sequence 8349, Ap
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707	6	2.0	304	3	US-09-088-651-2	Sequence 2, Appl	780	6	2.0	351	3	US-08-466-465-6	Sequence 6, Appl
708	6	2.0	305	4	US-10-074-509-2	Sequence 2, Appl	781	6	2.0	351	4	US-09-266-965-133	Sequence 133, App
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714	6	2.0	311	4	US-09-634-955B-5	Sequence 5, Appl	787	6	2.0	358	2	US-08-463-081B-6	Sequence 6, Appl
715	6	2.0	311	4	US-09-252-991A-25748	Sequence 25748, A	788	6	2.0	358	2	US-08-461-379A-6	Sequence 6, Appl
716	6	2.0	311	4	US-09-816-760-5	Sequence 5, Appl	789	6	2.0	358	2	US-08-462-390B-6	Sequence 6, Appl
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718	6	2.0	311	4	US-09-838-561-15	Sequence 15, Appl	791	6	2.0	358	3	US-08-463-074B-6	Sequence 6, Appl
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721	6	2.0	313	4	US-09-148-545-236	Sequence 236, Ap	794	6	2.0	358	3	US-09-267-423-4	Sequence 4, Appl
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725	6	2.0	316	3	US-08-875-273A-2	Sequence 2, Appl	798	6	2.0	360	4	US-09-501-115-34	Sequence 34, Appl
726	6	2.0	316	4	US-09-123-386-2	Sequence 2, Appl	799	6	2.0	360	4	US-09-700-397-14	Sequence 14, Appl
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732	6	2.0	318	4	US-09-636-215-339	Sequence 339, App	805	6	2.0	363	4	US-09-328-352-5961	Sequence 5961, Ap
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740	6	2.0	322	4	US-09-328-352-5024	Sequence 5024, Ap	814	6	2.0	370	1	US-07-824-247-37	Sequence 37, Appl
741	6	2.0	322	6	5212074-1	Patent No. 5212074	815	6	2.0	370	3	US-08-470-204A-37	Sequence 37, Appl
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756	6	2.0	334	3	US-09-138-873A-12	Sequence 12, Appl	830	6	2.0	378	5	PCT-US92-06965A-3	Sequence 3, Appl
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837	6	2.0	382	1	US-08-464-523B-30	Sequence 30, Appl	910	425	3	US-09-748-537-14	Sequence 14, Appl
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859	6	2.0	394	4	US-09-252-991A-29358	Sequence 29358, A	932	430	4	US-08-985-950-20	Sequence 20, Appl
860	6	2.0	395	1	US-08-723-938-3	Sequence 3, Appl	933	431	3	US-09-546-049-14	Sequence 14, Appl
861	6	2.0	395	2	US-09-080-538-3	Sequence 3, Appl	934	431	3	US-09-546-049-20	Sequence 20, Appl
862	6	2.0	395	4	US-09-387-413-3	Sequence 3, Appl	935	431	4	US-09-546-049-20	Sequence 20, Appl
863	6	2.0	398	1	US-08-507-431-2	Sequence 2, Appl	936	431	4	US-09-546-049-20	Sequence 20, Appl
864	6	2.0	398	1	US-08-902-655A-2	Sequence 2, Appl	937	432	4	US-08-466-120-2	Sequence 2, Appl
865	6	2.0	398	3	US-09-116-622-2	Sequence 2, Appl	938	432	4	US-09-328-352-6978	Sequence 32834, A
866	6	2.0	398	3	US-09-219-277-2	Sequence 2, Appl	939	433	4	US-09-328-352-6978	Sequence 32834, A
867	6	2.0	398	3	US-09-599-661-2	Sequence 2, Appl	940	433	4	US-09-328-352-6978	Sequence 32834, A
868	6	2.0	398	4	US-09-778-510-4	Sequence 4, Appl	941	433	5	US-09-328-352-6978	Sequence 32834, A
869	6	2.0	398	4	US-09-252-991A-19488	Sequence 19488, A	942	433	5	US-09-328-352-6978	Sequence 32834, A
870	6	2.0	399	4	US-09-489-039A-8220	Sequence 8220, Ap	943	434	4	US-09-328-352-6978	Sequence 32834, A
871	6	2.0	400	4	US-09-252-991A-24981	Sequence 24981, A	944	434	4	US-09-328-352-6978	Sequence 32834, A
872	6	2.0	401	4	US-09-489-039A-8592	Sequence 8592, Ap	945	434	4	US-09-328-352-6978	Sequence 32834, A
873	6	2.0	402	2	US-08-472-576B-2	Sequence 2, Appl	946	434	4	US-09-328-352-6978	Sequence 32834, A
874	6	2.0	402	2	US-08-472-576B-2	Sequence 2, Appl	947	434	4	US-09-328-352-6978	Sequence 32834, A
875	6	2.0	402	2	US-08-428-734B-2	Sequence 2, Appl	948	434	4	US-09-328-352-6978	Sequence 32834, A
876	6	2.0	402	3	US-09-063-237-1	Sequence 1, Appl	949	434	4	US-09-328-352-6978	Sequence 32834, A
877	6	2.0	402	3	US-08-713-556F-2	Sequence 2, Appl	950	434	4	US-09-328-352-6978	Sequence 32834, A
878	6	2.0	403	4	US-09-252-991A-23256	Sequence 23256, A	951	434	4	US-09-328-352-6978	Sequence 32834, A
879	6	2.0	405	4	US-09-312-283C-374	Sequence 374, App	952	434	4	US-09-328-352-6978	Sequence 32834, A
880	6	2.0	406	4	US-09-252-991A-25910	Sequence 25910, A	953	434	4	US-09-328-352-6978	Sequence 32834, A
881	6	2.0	407	4	US-09-252-991A-20679	Sequence 20679, A	954	434	4	US-09-328-352-6978	Sequence 32834, A
882	6	2.0	407	4	US-09-543-681A-6945	Sequence 6945, Ap	955	434	4	US-09-328-352-6978	Sequence 32834, A
883	6	2.0	411	4	US-09-252-991A-31301	Sequence 31301, A	956	434	4	US-09-328-352-6978	Sequence 32834, A
884	6	2.0	412	2	US-08-472-576B-4	Sequence 4, Appl	957	434	4	US-09-328-352-6978	Sequence 32834, A
885	6	2.0	412	2	US-08-472-576B-4	Sequence 4, Appl	958	434	4	US-09-328-352-6978	Sequence 32834, A
886	6	2.0	412	2	US-08-472-576B-4	Sequence 4, Appl	959	434	4	US-09-328-352-6978	Sequence 32834, A
887	6	2.0	413	3	US-08-713-556F-4	Sequence 4, Appl	960	434	4	US-09-328-352-6978	Sequence 32834, A
888	6	2.0	413	3	US-09-266-965-139	Sequence 139, App	961	434	4	US-09-328-352-6978	Sequence 32834, A
889	6	2.0	415	4	US-09-107-532A-6504	Sequence 6504, Ap	962	434	4	US-09-328-352-6978	Sequence 32834, A
890	6	2.0	416	1	US-08-073-807A-2	Sequence 2, Appl	963	434	4	US-09-328-352-6978	Sequence 32834, A
891	6	2.0	416	4	US-09-311-784A-26	Sequence 26, Appl	964	434	4	US-09-328-352-6978	Sequence 32834, A
892	6	2.0	417	4	US-09-820-002-4	Sequence 4, Appl	965	434	4	US-09-328-352-6978	Sequence 32834, A
893	6	2.0	419	3	US-08-974-691-3	Sequence 3, Appl	966	434	4	US-09-328-352-6978	Sequence 32834, A
894	6	2.0	419	4	US-09-705-448-10	Sequence 10, Appl	967	434	4	US-09-328-352-6978	Sequence 32834, A
895	6	2.0	419	4	US-09-489-039A-8844	Sequence 8844, Ap	968	434	4	US-09-328-352-6978	Sequence 32834, A
896	6	2.0	420	3	US-09-008-271A-4	Sequence 4, Appl	969	434	4	US-09-328-352-6978	Sequence 32834, A
897	6	2.0	420	3	US-08-974-691-8	Sequence 8, Appl	970	434	4	US-09-328-352-6978	Sequence 32834, A
898	6	2.0	420	4	US-09-705-448-1	Sequence 1, Appl	971	434	4	US-09-328-352-6978	Sequence 32834, A
899	6	2.0	420	4	US-09-252-991A-16912	Sequence 16912, A	972	434	4	US-09-328-352-6978	Sequence 32834, A
900	6	2.0	422	4	US-09-252-991A-20041	Sequence 20041, A	973	434	4	US-09-328-352-6978	Sequence 32834, A
901	6	2.0	422	4	US-09-252-991A-20583	Sequence 20583, A	974	434	4	US-09-328-352-6978	Sequence 32834, A
902	6	2.0	422	4	US-09-252-991A-22178	Sequence 22178, A	975	434	4	US-09-328-352-6978	Sequence 32834, A
903	6	2.0	422	4	US-09-252-991A-32607	Sequence 32607, A	976	434	4	US-09-328-352-6978	Sequence 32834, A

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977 6 2.0 454 4 US-09-304-615-165 Sequence 165, Appl
978 6 2.0 455 4 US-09-130-339-2 Sequence 2, Appl
979 6 2.0 457 1 US-08-416-478A-8 Sequence 8, Appl
980 6 2.0 457 2 US-08-474-988B-8 Sequence 8, Appl
981 6 2.0 457 2 US-08-394-442B-8 Sequence 8, Appl
982 6 2.0 458 4 US-09-252-991A-20811 Sequence 20811, A
983 6 2.0 458 4 US-09-252-991A-30535 Sequence 30535, A
984 6 2.0 458 4 US-08-352-991A-32991 Sequence 32991, A
985 6 2.0 459 3 US-09-097-889-22 Sequence 22, Appl
986 6 2.0 459 4 US-09-098-079-22 Sequence 22, Appl
987 6 2.0 459 4 US-09-252-991A-25839 Sequence 25839, A
988 6 2.0 460 4 US-09-543-681A-8195 Sequence 8195, Ap
989 6 2.0 462 2 US-08-752-307B-7 Sequence 7, Appl
990 6 2.0 462 4 US-09-707-802-7 Sequence 7, Appl
991 6 2.0 462 4 US-09-991-326-7 Sequence 46, Appl
992 6 2.0 463 3 US-08-612-973-46 Sequence 46, Appl
993 6 2.0 463 3 US-08-927-597-46 Sequence 5, Appl
994 6 2.0 465 2 US-08-752-307B-5 Sequence 5, Appl
995 6 2.0 465 4 US-09-707-802-5 Sequence 5, Appl
996 6 2.0 465 4 US-09-991-326-5 Sequence 29633, A
997 6 2.0 465 4 US-08-252-991A-29633 Sequence 2, Appl
998 6 2.0 467 4 US-09-313-442-2 Sequence 134, App
999 6 2.0 467 4 US-09-148-545-134 Sequence 195, App
1000 5 2.0 467 4 US-09-907-794A-195

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ALIGNMENTS

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RESULT 1
US-09-130-158A-2
; Sequence 2, Application US/09130158A
; Patent No. 6576607
; GENERAL INFORMATION:
; APPLICANT: Schachner, Melitta
; TITLE OF INVENTION: CNS Neurile Outgrowth Modulators and
; FILE REFERENCE: 1094-1-001 CIP1B
; CURRENT APPLICATION NUMBER: US/09/130,158A
; CURRENT FILING DATE: 1998-08-06
; PRIOR APPLICATION NUMBER: US 08/636,514
; PRIOR FILING DATE: 1996-04-19
; PRIOR APPLICATION NUMBER: US 08/483,959
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: US 08/424,995
; PRIOR FILING DATE: 1995-04-19
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 1209
; TYPE: PRT
; ORGANISM: murine
US-09-130-158A-2

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Query Match 3.3%; Score 10; DB 4; Length 1209;
Best Local Similarity 100.0%; Pred. No. 0.77;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 116 ASNRLGTAVS 125
Db 111 ASNRLGTAVS 120
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RESULT 2
US-09-621-976-4124
; Sequence 4124, Application US/09621976
; Patent No. 6639063
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Jobert, S.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.
; FILE REFERENCE: GENSET.054PR2

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; CURRENT APPLICATION NUMBER: US/09/621,976
; CURRENT FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 19335
; SOFTWARE: Patent.pm
; SEQ ID NO 4124
; LENGTH: 118
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SIGNAL
; LOCATION: -20...-1
; NAME/KEY: UNSURE
; LOCATION: -16
; OTHER INFORMATION: Xaa = Ala,Gly
US-09-621-976-4124

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Query Match 2.6%; Score 8; DB 4; Length 118;
Best Local Similarity 100.0%; Pred. No. 6.8;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 14 SLPLLLLL 21
Db 98 SLPLLLLL 105
|||||

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```

RESULT 3
US-09-673-395A-577
; Sequence 577, Application US/09673395A
; Patent No. 6620923
; GENERAL INFORMATION:
; APPLICANT: SPECHT, THOMAS
; APPLICANT: HINZMANN, BERND
; APPLICANT: SCHMITT, ARMIN
; APPLICANT: PILARSKY, CHRISTIAN
; APPLICANT: DAHL, EDGAR
; APPLICANT: ROSENTHAL, ANDRE
; TITLE OF INVENTION: HUMAN NUCLEIC ACID SEQUENCES FROM UTERUS TUMOR TISSUE
; FILE REFERENCE: ALBRE-12
; CURRENT APPLICATION NUMBER: US/09/673,395A
; CURRENT FILING DATE: 2000-10-17
; NUMBER OF SEQ ID NOS: 637
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 577
; LENGTH: 161
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: MOD_RES
; LOCATION: (15)
; OTHER INFORMATION: Any, other, or unknown amino acid
; NAME/KEY: MOD_RES
; LOCATION: (20)...(21)
; OTHER INFORMATION: Any, other, or unknown amino acid
; NAME/KEY: MOD_RES
; LOCATION: (35)
; OTHER INFORMATION: Any, other, or unknown amino acid
; NAME/KEY: MOD_RES
; LOCATION: (39)
; OTHER INFORMATION: Any, other, or unknown amino acid
; NAME/KEY: MOD_RES
; LOCATION: (45)
; OTHER INFORMATION: Any, other, or unknown amino acid
; NAME/KEY: MOD_RES
; LOCATION: (80)
; OTHER INFORMATION: Any, other, or unknown amino acid
; NAME/KEY: MOD_RES
; LOCATION: (85)
; OTHER INFORMATION: Any, other, or unknown amino acid
; NAME/KEY: MOD_RES
; LOCATION: (87)
; OTHER INFORMATION: Any, other, or unknown amino acid
US-09-673-395A-577

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Query Match      2.6%; Score 8; DB 4; Length 161;
Best Local Similarity 100.0%; Pred. No. 9.1;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      15 LPLLLLLL 22
Db      2 LPLLLLLL 9

RESULT 4
US-08-837-029-2
; Sequence 2, Application US/08837029
; Patent No. 5945303
; GENERAL INFORMATION:
; APPLICANT: Wei et al.
; TITLE OF INVENTION: Human Hematopoietic - Specific Protein
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Human Genome Sciences, Inc.
; STREET: 9410 Key West Avenue
; CITY: Rockville
; STATE: MD
; COUNTRY: US
; ZIP: 20850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/837,029
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION NUMBER: WO PCT/US96/04930
; FILING DATE: 11-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Brookes, A. Anders
; REGISTRATION NUMBER: 36,373
; REFERENCE/DOCKET NUMBER: PF268
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 301-309-8504
; TELEFAX: 301-309-8439
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 189 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-837-029-2

Query Match      2.6%; Score 8; DB 2; Length 189;
Best Local Similarity 100.0%; Pred. No. 11;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      14 SLPLLLLL 21
Db      4 SLPLLLLL 11

RESULT 5
US-09-800-729-114
; Sequence 114, Application US/09800729
; Patent No. 6605592
; GENERAL INFORMATION:
; APPLICANT: Ni et al.
; TITLE OF INVENTION: 32 Human secreted proteins
; FILE REFERENCE: P2044P1
; CURRENT APPLICATION NUMBER: US/09/800,729
; CURRENT FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: PCT/US00/26013
; PRIOR FILING DATE: 2000-09-22
; PRIOR APPLICATION NUMBER: 60/155,709

Query Match      2.6%; Score 8; DB 4; Length 161;
Best Local Similarity 100.0%; Pred. No. 9.1;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      15 LPLLLLLL 22
Db      2 LPLLLLLL 9

RESULT 4
US-08-837-029-2
; Sequence 2, Application US/08837029
; Patent No. 5945303
; GENERAL INFORMATION:
; APPLICANT: Wei et al.
; TITLE OF INVENTION: Human Hematopoietic - Specific Protein
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Human Genome Sciences, Inc.
; STREET: 9410 Key West Avenue
; CITY: Rockville
; STATE: MD
; COUNTRY: US
; ZIP: 20850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/837,029
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION NUMBER: WO PCT/US96/04930
; FILING DATE: 11-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Brookes, A. Anders
; REGISTRATION NUMBER: 36,373
; REFERENCE/DOCKET NUMBER: PF268
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 301-309-8504
; TELEFAX: 301-309-8439
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 189 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-837-029-2

Query Match      2.6%; Score 8; DB 2; Length 189;
Best Local Similarity 100.0%; Pred. No. 11;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      14 SLPLLLLL 21
Db      4 SLPLLLLL 11

RESULT 5
US-09-800-729-114
; Sequence 114, Application US/09800729
; Patent No. 6605592
; GENERAL INFORMATION:
; APPLICANT: Ni et al.
; TITLE OF INVENTION: 32 Human secreted proteins
; FILE REFERENCE: P2044P1
; CURRENT APPLICATION NUMBER: US/09/800,729
; CURRENT FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: PCT/US00/26013
; PRIOR FILING DATE: 2000-09-22
; PRIOR APPLICATION NUMBER: 60/155,709

Query Match      2.6%; Score 8; DB 4; Length 287;
Best Local Similarity 100.0%; Pred. No. 16;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      14 SLPLLLLL 21
Db      12 SLPLLLLL 19

RESULT 6
US-09-800-729-153
; Sequence 153, Application US/09800729
; Patent No. 6605592
; GENERAL INFORMATION:
; APPLICANT: Ni et al.
; TITLE OF INVENTION: 32 Human secreted proteins
; FILE REFERENCE: P2044P1
; CURRENT APPLICATION NUMBER: US/09/800,729
; CURRENT FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: PCT/US00/26013
; PRIOR FILING DATE: 2000-09-22
; PRIOR APPLICATION NUMBER: 60/155,709
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 217
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 153
; LENGTH: 287
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-800-729-153

Query Match      2.6%; Score 8; DB 4; Length 287;
Best Local Similarity 100.0%; Pred. No. 16;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      14 SLPLLLLL 21
Db      12 SLPLLLLL 19

RESULT 6
US-09-800-729-153
; Sequence 153, Application US/09800729
; Patent No. 6605592
; GENERAL INFORMATION:
; APPLICANT: Ni et al.
; TITLE OF INVENTION: 32 Human secreted proteins
; FILE REFERENCE: P2044P1
; CURRENT APPLICATION NUMBER: US/09/800,729
; CURRENT FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: PCT/US00/26013
; PRIOR FILING DATE: 2000-09-22
; PRIOR APPLICATION NUMBER: 60/155,709
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 217
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 153
; LENGTH: 287
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-800-729-153

Query Match      2.6%; Score 8; DB 4; Length 287;
Best Local Similarity 100.0%; Pred. No. 16;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      14 SLPLLLLL 21
Db      12 SLPLLLLL 19

RESULT 7
US-09-615-192A-284
; Sequence 284, Application US/09615192A
; Patent No. 6410718
; GENERAL INFORMATION:
; APPLICANT: Bloksberg, Leonard N.
; APPLICANT: Havukkala, Ilkka
; TITLE OF INVENTION: Materials and Methods for the
; TITLE OF INVENTION: Modification of Plant Lignin Content
; FILE REFERENCE: 11000.1003e4U
; CURRENT APPLICATION NUMBER: US/09/615,192A
; CURRENT FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 08/975,316
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: US 08/713,000
; PRIOR FILING DATE: 1996-09-11
; PRIOR APPLICATION NUMBER: US 09/169,789
; PRIOR FILING DATE: 1998-10-09
; NUMBER OF SEQ ID NOS: 405
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 284
; LENGTH: 330
; TYPE: PRT
; ORGANISM: Eucalyptus grandis
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US-09-615-192A-284

Query Match 2.6%; Score 8; DB 4; Length 330;
Best Local Similarity 100.0%; Pred. No. 18;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 14 SLPLLLLL 21
DB 18 SLPLLLLL 25
|||||

RESULT 8

US-09-800-729-82
; Sequence 82, Application US/09800729
; Patent No. 6605592
; GENERAL INFORMATION:
; APPLICANT: Ni et al.
; TITLE OF INVENTION: 32 Human secreted proteins
; FILE REFERENCE: P2044P1
; CURRENT APPLICATION NUMBER: US/09/800,729
; CURRENT FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: PCT/US00/26013
; PRIOR FILING DATE: 2000-09-22
; PRIOR APPLICATION NUMBER: 60/155,709
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 217
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 82
; LENGTH: 613
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-800-729-82

Query Match 2.6%; Score 8; DB 4; Length 613;
Best Local Similarity 100.0%; Pred. No. 32;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 14 SLPLLLLL 21
DB 12 SLPLLLLL 19
|||||

RESULT 9

US-09-800-729-98
; Sequence 98, Application US/09800729
; Patent No. 6605592
; GENERAL INFORMATION:
; APPLICANT: Ni et al.
; TITLE OF INVENTION: 32 Human secreted proteins
; FILE REFERENCE: P2044P1
; CURRENT APPLICATION NUMBER: US/09/800,729
; CURRENT FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: PCT/US00/26013
; PRIOR FILING DATE: 2000-09-22
; PRIOR APPLICATION NUMBER: 60/155,709
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 217
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 98
; LENGTH: 613
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (507)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-800-729-98

Query Match 2.6%; Score 8; DB 4; Length 613;
Best Local Similarity 100.0%; Pred. No. 32;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 14 SLPLLLLL 21

DB 12 SLPLLLLL 19
|||||

RESULT 10

US-08-447-464-3
; Sequence 3, Application US/08447464
; Patent No. 5840842
; GENERAL INFORMATION:
; APPLICANT: Schllessinger, Joseph
; APPLICANT: Yan, Hai
; TITLE OF INVENTION: NOVEL RECEPTOR-TYPE PROTEIN
; TITLE OF INVENTION: PHOSPHOTYROSINE PHOSPHATASE-SIGMA
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/08/447,464
; FILING DATE: 24-MAY-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/130,570
; FILING DATE: 01-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Mirock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 7683-043
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-790-3090
; TELEFAX: 212-869-8864/9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1501 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-447-464-3

Query Match 2.6%; Score 8; DB 2; Length 1501;
Best Local Similarity 100.0%; Pred. No. 72;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 207 CVATNSAG 214
DB 207 CVATNSAG 214
|||||

RESULT 11

US-08-716-679-3
; Sequence 3, Application US/08716679
; Patent No. 5846800
; GENERAL INFORMATION:
; APPLICANT: Schllessinger, Joseph
; APPLICANT: Yan, Hai
; TITLE OF INVENTION: NOVEL RECEPTOR-TYPE PROTEIN
; TITLE OF INVENTION: PHOSPHOTYROSINE PHOSPHATASE-SIGMA
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York

COUNTRY: U.S.A.
 ZIP: 10036-2711
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent in Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/716.679
 FILING DATE:
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/130.570
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Mirostock, S. Leslie
 REGISTRATION NUMBER: 18,872
 REFERENCE/DOCKET NUMBER: 7683-043
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 212-790-9090
 TELEFAX: 212-869-8864/9741
 TELEX: 66141 PENNIE
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1501 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-716-679-3

Query Match 2.6%; Score 8; DB 2; Length 1501;
 Best Local Similarity 100.0%; Pred. No. 72;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 207 CVATNSAG 214
 Db 207 CVATNSAG 214

RESULT 12
 US-08-348-006B-5
 Sequence 5, Application US/08348006B
 Patent No. 5658756
 GENERAL INFORMATION:
 APPLICANT: RODAN, GIDEON A.
 APPLICANT: SCHMIDT, AZRIEL
 APPLICANT: RUTLEDGE, SU JANE
 TITLE OF INVENTION: CDNA ENCODING A NOVEL HUMAN PROTEIN
 TITLE OF INVENTION: TYROSINE PHOSPHATASE
 NUMBER OF SEQUENCES: 7
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: J. MARK HAND
 STREET: 126 E. LINCOLN AVE., P.O. BOX 2000
 CITY: RAHWAY
 STATE: NEW JERSEY
 COUNTRY: USA
 ZIP: 07065-0900
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent in Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/348.006B
 FILING DATE:
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/122,032
 FILING DATE: 14-SEP-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: HAND, J., MARK
 REGISTRATION NUMBER: 36,545
 REFERENCE/DOCKET NUMBER: 189921A

TELECOMMUNICATION INFORMATION:
 TELEPHONE: 908-594-3905
 TELEFAX: 908-594-4720
 INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1911 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-348-006B-5

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 Best Local Similarity 100.0%; Pred. No. 91;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 207 CVATNSAG 214
 Db 207 CVATNSAG 214

RESULT 13
 US-08-800-825A-5
 Sequence 5, Application US/08800825A
 Patent No. 5866397
 GENERAL INFORMATION:
 APPLICANT: RODAN, GIDEON A.
 APPLICANT: SCHMIDT, AZRIEL
 APPLICANT: RUTLEDGE, SU JANE
 TITLE OF INVENTION: CDNA ENCODING A NOVEL HUMAN PROTEIN
 TITLE OF INVENTION: TYROSINE PHOSPHATASE
 NUMBER OF SEQUENCES: 7
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: J. MARK HAND - MERCK & CO., INC.
 STREET: 126 E. LINCOLN AVE., P.O. BOX 2000
 CITY: RAHWAY
 STATE: NEW JERSEY
 COUNTRY: USA
 ZIP: 07065-0900
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent in Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/800.825A
 FILING DATE: 14-FEB-1997
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: HAND, J. MARK
 REGISTRATION NUMBER: 36,545
 REFERENCE/DOCKET NUMBER: 18992DA
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 732-594-3905
 TELEFAX: 732-594-4720
 INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1911 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-800-825A-5

Query Match 2.6%; Score 8; DB 2; Length 1911;
 Best Local Similarity 100.0%; Pred. No. 91;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 207 CVATNSAG 214
 Db 207 CVATNSAG 214

RESULT 14
US-09-158-657-5
; Sequence 5, Application US/09158657
; Patent No. 6214564
; GENERAL INFORMATION:
; APPLICANT: RODAN, GIDEON A.
; APPLICANT: SCHMIDT, AZRIEL
; APPLICANT: RUTLEDGE, SU JANE
; TITLE OF INVENTION: CDNA ENCODING A NOVEL HUMAN PROTEIN
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: J. MARK HAND - MERCK & CO., INC.
; STREET: 126 E. LINCOLN AVE., P.O. BOX 2000
; CITY: RAHWAY
; STATE: NEW JERSEY
; COUNTRY: USA
; ZIP: 07065-0900
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09158,657
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/800,825
; FILING DATE: 14-FEB-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: HAND, J. MARK
; REGISTRATION NUMBER: 36,545
; REFERENCE/DOCKET NUMBER: 18992DA
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 732-594-3905
; TELEFAX: 732-594-4720
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1911 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-09-158-657-5

Query Match 2.6%; Score 8; DB 3; Length 1911;
Best Local Similarity 100.0%; Pred. No. 91;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 207 CVATNSAG 214
Db 207 CVATNSAG 214
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RESULT 15
PCT-US94-10166-5
; Sequence 5, Application PC/TUS9410166
; GENERAL INFORMATION:
; APPLICANT: RODAN, GIDEON A.
; APPLICANT: SCHMIDT, AZRIEL
; APPLICANT: RUTLEDGE, SU JANE
; TITLE OF INVENTION: CDNA ENCODING A NOVEL HUMAN PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: JOHN W. WALLEN III
; STREET: P.O. BOX 2000, 126 E. LINCOLN AVE.
; CITY: RAHWAY
; STATE: NJ
; COUNTRY: USA
; ZIP: 07065
; COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/10166
FILING DATE: 09-SEPT-1994
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/122,032
FILING DATE: 14-SEP-1993
ATTORNEY/AGENT INFORMATION:
NAME: WALLEN, JOHN W III
REGISTRATION NUMBER: 35403
REFERENCE/DOCKET NUMBER: 18992
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3905
TELEFAX: 908-594-4720
TELEX: 138825
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 1911 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
PCT-US94-10166-5

Query Match 2.6%; Score 8; DB 5; Length 1911;
Best Local Similarity 100.0%; Pred. No. 91;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 207 CVATNSAG 214
Db 207 CVATNSAG 214
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OM protein - protein search, using sw model

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1745.735 Million cell updates/sec

Title: US-10-047-021-86
Perfect score: 303
Sequence: 1 MGGGDSLLGGSLPLLLL.....SGPLPREALRGQRNTG 303

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Searched: 1163542 seqs, 282313645 residues

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- 3: /cgn2_6/ptodata/1/pubpaa/US05_NEW_PUB.pep.*
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- 9: /cgn2_6/ptodata/1/pubpaa/US09A_PUBCOMB.pep.*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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5	148	48.8	985	9	US-09-978-697-211
6	148	48.8	985	9	US-09-978-192A-211
7	148	48.8	985	9	US-09-999-832A-211
8	148	48.8	985	10	US-09-978-189-211
9	148	48.8	985	10	US-09-978-608A-211
10	148	48.8	985	10	US-09-978-585A-211
11	148	48.8	985	10	US-09-978-191A-211
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90	148	48.8	985	15	US-10-013-920A-211	Sequence 211, App	163	7	2.3	92	11	US-09-833-245-1829	Sequence 1829, Ap
91	148	48.8	1075	12	US-10-416-090-43	Sequence 43, Appl	164	7	2.3	92	11	US-09-833-245-1830	Sequence 1830, Ap
92	148	48.8	1104	12	US-10-416-090-37	Sequence 37, Appl	165	7	2.3	92	11	US-09-833-245-1831	Sequence 1831, Ap
93	120	39.6	792	14	US-10-059-585-22	Sequence 22, Appl	166	7	2.3	92	11	US-10-419-296-12	Sequence 12, Appl
94	110	36.3	934	10	US-09-796-753-156	Sequence 156, App	167	7	2.3	93	9	US-09-858-664A-23	Sequence 23, Appl
95	27	8.9	1005	12	US-10-416-090-48	Sequence 48, Appl	168	7	2.3	94	12	US-10-424-599-212266	Sequence 212266,
96	27	8.9	1015	12	US-10-416-090-40	Sequence 40, Appl	169	7	2.3	94	12	US-10-427-263-24	Sequence 24, Appl
97	20	6.6	20	12	US-10-416-090-2	Sequence 2, Appl	170	7	2.3	96	11	US-09-864-408A-7818	Sequence 7818, Ap
98	12	4.0	12	12	US-10-416-090-1	Sequence 1, Appl	171	7	2.3	97	12	US-10-424-599-271318	Sequence 271318,
99	10	3.3	10	12	US-10-416-090-3	Sequence 3, Appl	172	7	2.3	98	10	US-09-764-891-3588	Sequence 3588, Ap
100	10	3.3	1208	16	US-10-435-751-36	Sequence 36, Appl	173	7	2.3	99	9	US-09-764-869-825	Sequence 825, App
101	10	3.3	1209	16	US-10-457-106-2	Sequence 2, Appl	174	7	2.3	99	11	US-09-833-245-1146	Sequence 1146, Ap
102	8	2.6	540	16	US-10-275-311A-7	Sequence 7, Appl	175	7	2.3	99	15	US-10-091-504-825	Sequence 825, App
103	8	2.6	117	13	US-10-000-639-5	Sequence 5, Appl	176	7	2.3	99	15	US-10-227-577-825	Sequence 825, App
104	8	2.6	120	9	US-09-331-381A-12	Sequence 12, Appl	177	7	2.3	101	9	US-09-864-761-35856	Sequence 35856, A
105	8	2.6	120	9	US-09-898-751A-14	Sequence 14, Appl	178	7	2.3	105	10	US-09-986-480-231	Sequence 231, App
106	8	2.6	120	9	US-09-792-793A-87	Sequence 87, Appl	179	7	2.3	108	12	US-10-311-129-29	Sequence 29, Appl
107	8	2.6	120	14	US-10-146-496-8	Sequence 8, Appl	180	7	2.3	110	12	US-10-424-599-206728	Sequence 206728,
108	8	2.6	120	15	US-10-375-209A-87	Sequence 87, Appl	181	7	2.3	113	9	US-09-764-847-501	Sequence 501, App
109	8	2.6	159	13	US-10-000-639-2	Sequence 2, Appl	182	7	2.3	113	14	US-10-092-154-501	Sequence 501, App
110	8	2.6	189	9	US-09-387-967-2	Sequence 2, Appl	183	7	2.3	114	12	US-10-042-865-10	Sequence 10, Appl
111	8	2.6	189	16	US-10-416-314-24	Sequence 24, Appl	184	7	2.3	114	16	US-10-628-109-215	Sequence 215, App
112	8	2.6	199	15	US-10-291-265-880	Sequence 880, App	185	7	2.3	116	12	US-10-424-599-188592	Sequence 188592,
113	8	2.6	220	9	US-09-325-301-1209	Sequence 1209, Ap	186	7	2.3	116	12	US-10-262-839-62	Sequence 62, Appl
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115	8	2.6	226	10	US-09-774-381-44	Sequence 44, Appl	188	7	2.3	119	9	US-09-858-664A-30	Sequence 30, Appl
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117	8	2.6	235	15	US-10-369-493-8078	Sequence 8078, Ap	190	7	2.3	120	11	US-09-833-245-777	Sequence 777, App
118	8	2.6	287	9	US-09-800-729-114	Sequence 114, App	191	7	2.3	120	12	US-10-424-599-274310	Sequence 274310,
119	8	2.6	287	11	US-09-833-245-2171	Sequence 153, App	192	7	2.3	122	9	US-09-811-284-148	Sequence 148, App
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121	8	2.6	291	9	US-09-935-390A-21	Sequence 21, Appl	194	7	2.3	126	9	US-09-815-248-6	Sequence 6, Appl
122	8	2.6	303	12	US-10-425-114-38677	Sequence 38677, A	195	7	2.3	126	14	US-10-016-986-142	Sequence 142, App
123	8	2.6	306	14	US-10-191-029-12	Sequence 12, Appl	196	7	2.3	127	12	US-10-424-599-184083	Sequence 184083,
124	8	2.6	326	12	US-10-276-774-2380	Sequence 2380, Ap	197	7	2.3	132	9	US-09-764-898-258	Sequence 258, App
125	8	2.6	336	14	US-10-174-693-284	Sequence 284, App	198	7	2.3	132	9	US-09-764-903-53	Sequence 53, Appl
126	8	2.6	332	9	US-09-925-297-786	Sequence 786, App	199	7	2.3	132	9	US-09-764-877-2055	Sequence 2055, Ap
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133	8	2.6	613	11	US-09-833-245-2174	Sequence 2174, Ap	206	7	2.3	139	14	US-10-213-288-4	Sequence 4, Appl
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137	8	2.6	1502	10	US-09-800-198-44	Sequence 44, Appl	210	7	2.3	146	11	US-09-833-245-2081	Sequence 2081, Ap
138	8	2.6	1907	15	US-10-291-265-250	Sequence 250, App	211	7	2.3	146	14	US-10-060-255-65	Sequence 65, Appl
139	8	2.6	1948	9	US-09-808-602-55	Sequence 55, Appl	212	7	2.3	147	15	US-10-443-201-64	Sequence 64, Appl
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142	7	2.3	9	10	US-09-872-832-12	Sequence 12, Appl	215	7	2.3	147	15	US-10-443-201-70	Sequence 70, Appl
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144	7	2.3	24	10	US-09-759-130B-327	Sequence 327, App	217	7	2.3	148	9	US-09-764-903-52	Sequence 52, Appl
145	7	2.3	24	14	US-10-189-133-57	Sequence 57, Appl	218	7	2.3	148	9	US-09-764-877-2054	Sequence 2054, Ap
146	7	2.3	24	14	US-10-188-495-57	Sequence 57, Appl	219	7	2.3	148	10	US-09-984-130-31	Sequence 31, Appl
147	7	2.3	35	11	US-09-833-245-773	Sequence 773, App	220	7	2.3	148	10	US-09-836-353A-31	Sequence 31, Appl
148	7	2.3	46	14	US-10-050-882-135	Sequence 135, App	221	7	2.3	148	14	US-10-177-293-393	Sequence 393, App
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156	7	2.3	71	9	US-09-764-847-981	Sequence 981, App	229	7	2.3	174	11	US-09-833-245-316	Sequence 316, App
157	7	2.3	71	14	US-10-093-154-981	Sequence 981, App	230	7	2.3	176	12	US-10-433-561-90	Sequence 90, Appl
158	7	2.3	83	12	US-10-424-599-187538	Sequence 187538,	231	7	2.3	176	16	US-10-477-726-90	Sequence 90, Appl
159	7	2.3	85	12	US-10-424-599-174403	Sequence 174403,	232	7	2.3	179	12	US-09-978-360A-566	Sequence 566, App
160	7	2.3	86	9	US-09-864-761-44002	Sequence 44002, A	233	7	2.3	185	12	US-10-433-561-72	Sequence 72, Appl
161	7	2.3	86	12	US-10-424-599-163591	Sequence 163591,	234	7	2.3	185	16	US-10-477-726-72	Sequence 72, Appl

235	7	2.3	195	16	US-10-309-290-130	Sequence 130, App	308	7	2.3	246	10	US-09-997-514-225	Sequence 225, App
236	7	2.3	197	12	US-10-424-599-255812	Sequence 255812, App	309	7	2.3	246	10	US-09-997-573-225	Sequence 225, App
237	7	2.3	198	14	US-10-060-255-79	Sequence 79, Appl	310	7	2.3	246	10	US-09-991-172-225	Sequence 225, App
238	7	2.3	202	12	US-10-042-885-8	Sequence 8, Appl	311	7	2.3	246	10	US-09-990-726-225	Sequence 225, App
239	7	2.3	202	12	US-10-081-056-368	Sequence 368, App	312	7	2.3	246	10	US-09-997-559-225	Sequence 225, App
240	7	2.3	202	12	US-10-305-654-368	Sequence 368, App	313	7	2.3	246	10	US-09-997-601-225	Sequence 225, App
241	7	2.3	202	14	US-10-223-085-368	Sequence 368, App	314	7	2.3	246	10	US-09-990-443-225	Sequence 225, App
242	7	2.3	202	14	US-10-223-084-368	Sequence 368, App	315	7	2.3	246	10	US-09-991-854-225	Sequence 225, App
243	7	2.3	202	14	US-10-223-088-368	Sequence 368, App	316	7	2.3	246	10	US-09-997-628-225	Sequence 225, App
244	7	2.3	202	14	US-10-223-090-368	Sequence 368, App	317	7	2.3	246	10	US-09-997-683-225	Sequence 225, App
245	7	2.3	202	14	US-10-223-087-368	Sequence 368, App	318	7	2.3	246	10	US-09-989-729A-225	Sequence 225, App
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247	7	2.3	202	14	US-10-223-089-368	Sequence 368, App	320	7	2.3	246	10	US-09-997-440-225	Sequence 225, App
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249	7	2.3	202	14	US-10-223-082-368	Sequence 368, App	322	7	2.3	246	10	US-09-993-469-225	Sequence 225, App
250	7	2.3	202	15	US-10-291-265-267	Sequence 267, App	323	7	2.3	246	10	US-09-997-542-225	Sequence 225, App
251	7	2.3	203	9	US-10-425-114-52369	Sequence 52369, A	324	7	2.3	246	10	US-09-993-748-225	Sequence 225, App
252	7	2.3	209	13	US-09-921-984-2	Sequence 2, Appl	325	7	2.3	246	10	US-09-990-439-225	Sequence 225, App
253	7	2.3	209	13	US-10-138-787-6	Sequence 6, Appl	326	7	2.3	246	10	US-09-946-374-338	Sequence 338, App
254	7	2.3	210	14	US-10-017-161-1268	Sequence 1268, Ap	327	7	2.3	246	10	US-09-990-427-225	Sequence 225, App
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256	7	2.3	211	12	US-10-243-552-438	Sequence 438, App	329	7	2.3	246	10	US-09-993-583-225	Sequence 225, App
257	7	2.3	211	14	US-10-050-882-131	Sequence 131, App	330	7	2.3	246	10	US-09-941-994-225	Sequence 225, App
258	7	2.3	215	14	US-10-255-532-4	Sequence 4, Appl	331	7	2.3	246	10	US-09-992-521-225	Sequence 225, App
259	7	2.3	215	15	US-10-391-339-84	Sequence 84, Appl	332	7	2.3	246	10	US-09-997-333-225	Sequence 225, App
260	7	2.3	218	12	US-10-425-114-47158	Sequence 47158, A	333	7	2.3	246	10	US-09-997-384-225	Sequence 225, App
261	7	2.3	219	15	US-10-264-049-2395	Sequence 2395, Ap	334	7	2.3	246	10	US-09-998-041-225	Sequence 225, App
262	7	2.3	223	10	US-09-875-321-9	Sequence 9, Appl	335	7	2.3	246	10	US-09-997-585-225	Sequence 225, App
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266	7	2.3	230	9	US-09-995-693-2	Sequence 2, Appl	339	7	2.3	246	11	US-09-989-733-225	Sequence 225, App
267	7	2.3	230	12	US-10-424-599-253206	Sequence 253206,	340	7	2.3	246	11	US-09-989-733-225	Sequence 225, App
268	7	2.3	230	14	US-10-232-408-2	Sequence 2, Appl	341	7	2.3	246	11	US-09-992-643-225	Sequence 225, App
269	7	2.3	230	14	US-10-199-869-17	Sequence 17, Appl	342	7	2.3	246	12	US-10-147-493-436	Sequence 436, App
270	7	2.3	234	11	US-09-833-245-318	Sequence 318, App	343	7	2.3	246	12	US-10-206-915-600	Sequence 600, App
271	7	2.3	238	12	US-10-425-114-56889	Sequence 56889, A	344	7	2.3	246	12	US-10-145-127-436	Sequence 436, App
272	7	2.3	240	9	US-09-974-298-147	Sequence 147, App	345	7	2.3	246	12	US-10-160-503-436	Sequence 436, App
273	7	2.3	240	11	US-09-833-245-1157	Sequence 1157, Ap	346	7	2.3	246	12	US-10-199-670-600	Sequence 600, App
274	7	2.3	240	11	US-09-833-245-1158	Sequence 1158, Ap	347	7	2.3	246	12	US-10-143-118-436	Sequence 436, App
275	7	2.3	244	12	US-10-282-122A-71289	Sequence 71289, A	348	7	2.3	246	12	US-10-144-993-436	Sequence 436, App
276	7	2.3	246	9	US-09-989-722-225	Sequence 225, App	349	7	2.3	246	12	US-10-158-787-436	Sequence 436, App
277	7	2.3	246	9	US-09-989-723-225	Sequence 225, App	350	7	2.3	246	12	US-10-201-858-600	Sequence 600, App
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280	7	2.3	246	9	US-09-989-731-225	Sequence 225, App	353	7	2.3	246	12	US-10-201-853-600	Sequence 600, App
281	7	2.3	246	9	US-09-989-732-225	Sequence 225, App	354	7	2.3	246	12	US-10-140-024-436	Sequence 436, App
282	7	2.3	246	9	US-09-991-073-225	Sequence 225, App	355	7	2.3	246	12	US-09-989-724-225	Sequence 225, App
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291	7	2.3	246	9	US-09-991-181-225	Sequence 225, App	364	7	2.3	246	12	US-10-176-915-600	Sequence 600, App
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301	7	2.3	246	10	US-09-993-667-225	Sequence 225, App	374	7	2.3	246	12	US-10-180-550-600	Sequence 600, App
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307	7	2.3	246	10	US-09-993-667-225	Sequence 225, App	380	7	2.3	246	12	US-10-180-550-600	Sequence 600, App

381	7	2.3	246	12	US-10-196-744-600	Sequence 600, App	454	7	2.3	246	14	US-10-176-992-600	Sequence 600, App
382	7	2.3	246	12	US-10-196-755-600	Sequence 600, App	455	7	2.3	246	14	US-10-176-993-600	Sequence 600, App
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385	7	2.3	246	12	US-10-197-710-600	Sequence 600, App	458	7	2.3	246	14	US-10-173-695-600	Sequence 600, App
386	7	2.3	246	12	US-10-198-758-600	Sequence 600, App	459	7	2.3	246	14	US-10-173-697-600	Sequence 600, App
387	7	2.3	246	12	US-10-198-766-600	Sequence 600, App	460	7	2.3	246	14	US-10-173-705-600	Sequence 600, App
388	7	2.3	246	12	US-10-199-304-600	Sequence 600, App	461	7	2.3	246	14	US-10-174-576-600	Sequence 600, App
389	7	2.3	246	12	US-10-199-309-600	Sequence 600, App	462	7	2.3	246	14	US-10-174-585-600	Sequence 600, App
390	7	2.3	246	12	US-10-199-313-600	Sequence 600, App	463	7	2.3	246	14	US-10-174-586-600	Sequence 600, App
391	7	2.3	246	12	US-10-199-314-600	Sequence 600, App	464	7	2.3	246	14	US-10-174-586-600	Sequence 600, App
392	7	2.3	246	12	US-10-201-329-600	Sequence 600, App	465	7	2.3	246	14	US-10-175-747-600	Sequence 600, App
393	7	2.3	246	12	US-10-202-412-600	Sequence 600, App	466	7	2.3	246	14	US-10-176-481-600	Sequence 600, App
394	7	2.3	246	12	US-10-206-919-600	Sequence 600, App	467	7	2.3	246	14	US-10-176-485-600	Sequence 600, App
395	7	2.3	246	12	US-10-206-922-600	Sequence 600, App	468	7	2.3	246	14	US-10-176-487-600	Sequence 600, App
396	7	2.3	246	12	US-10-206-924-600	Sequence 600, App	469	7	2.3	246	14	US-10-176-493-600	Sequence 600, App
397	7	2.3	246	12	US-10-206-928-600	Sequence 600, App	470	7	2.3	246	14	US-10-176-758-600	Sequence 600, App
398	7	2.3	246	12	US-10-207-914-600	Sequence 600, App	471	7	2.3	246	14	US-10-176-911-600	Sequence 600, App
399	7	2.3	246	12	US-10-207-921-600	Sequence 600, App	472	7	2.3	246	14	US-10-176-919-600	Sequence 600, App
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401	7	2.3	246	12	US-10-208-027-600	Sequence 600, App	474	7	2.3	246	14	US-10-176-978-600	Sequence 600, App
402	7	2.3	246	12	US-10-256-811-4	Sequence 4, Appli	475	7	2.3	246	14	US-10-179-510-600	Sequence 600, App
403	7	2.3	246	12	US-09-997-641-225	Sequence 225, App	476	7	2.3	246	14	US-10-180-543-600	Sequence 600, App
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405	7	2.3	246	12	US-09-991-150-225	Sequence 225, App	478	7	2.3	246	14	US-10-180-549-600	Sequence 600, App
406	7	2.3	246	12	US-10-152-405-436	Sequence 436, App	479	7	2.3	246	14	US-10-180-555-600	Sequence 600, App
407	7	2.3	246	12	US-10-174-570-600	Sequence 600, App	480	7	2.3	246	14	US-10-180-555-600	Sequence 600, App
408	7	2.3	246	12	US-10-183-005-600	Sequence 600, App	481	7	2.3	246	14	US-10-181-000-600	Sequence 600, App
409	7	2.3	246	12	US-10-127-852A-436	Sequence 436, App	482	7	2.3	246	14	US-10-183-010-600	Sequence 600, App
410	7	2.3	246	12	US-10-127-900A-436	Sequence 436, App	483	7	2.3	246	14	US-10-183-012-600	Sequence 600, App
411	7	2.3	246	12	US-10-128-685A-436	Sequence 436, App	484	7	2.3	246	14	US-10-184-614-600	Sequence 600, App
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416	7	2.3	246	12	US-10-146-786-436	Sequence 436, App	489	7	2.3	246	14	US-10-184-647-600	Sequence 600, App
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419	7	2.3	246	12	US-10-305-654-142	Sequence 142, App	492	7	2.3	246	14	US-10-187-596-600	Sequence 600, App
420	7	2.3	246	12	US-10-015-395A-338	Sequence 338, App	493	7	2.3	246	14	US-10-187-745-600	Sequence 600, App
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422	7	2.3	246	14	US-10-028-072-436	Sequence 436, App	495	7	2.3	246	14	US-10-187-886-600	Sequence 600, App
423	7	2.3	246	14	US-10-174-590-600	Sequence 600, App	496	7	2.3	246	14	US-10-199-464-600	Sequence 600, App
424	7	2.3	246	14	US-10-176-758-600	Sequence 600, App	497	7	2.3	246	14	US-10-137-865-436	Sequence 436, App
425	7	2.3	246	14	US-10-175-737-600	Sequence 600, App	498	7	2.3	246	14	US-10-140-474-436	Sequence 436, App
426	7	2.3	246	14	US-10-121-049-436	Sequence 436, App	499	7	2.3	246	14	US-10-196-756-600	Sequence 600, App
427	7	2.3	246	14	US-10-173-706-600	Sequence 600, App	500	7	2.3	246	14	US-10-176-751-600	Sequence 600, App
428	7	2.3	246	14	US-10-175-738-600	Sequence 600, App	501	7	2.3	246	14	US-10-176-760-600	Sequence 600, App
429	7	2.3	246	14	US-10-175-752-600	Sequence 600, App	502	7	2.3	246	14	US-10-176-990-600	Sequence 600, App
430	7	2.3	246	14	US-10-176-482-600	Sequence 600, App	503	7	2.3	246	14	US-10-180-541-600	Sequence 600, App
431	7	2.3	246	14	US-10-176-913-600	Sequence 600, App	504	7	2.3	246	14	US-10-180-542-600	Sequence 600, App
432	7	2.3	246	14	US-10-180-552-600	Sequence 600, App	505	7	2.3	246	14	US-10-180-548-600	Sequence 600, App
433	7	2.3	246	14	US-10-180-557-600	Sequence 600, App	506	7	2.3	246	14	US-10-180-551-600	Sequence 600, App
434	7	2.3	246	14	US-10-123-904-436	Sequence 436, App	507	7	2.3	246	14	US-10-180-998-600	Sequence 600, App
435	7	2.3	246	14	US-10-140-470-436	Sequence 436, App	508	7	2.3	246	14	US-10-180-999-600	Sequence 600, App
436	7	2.3	246	14	US-10-173-700-600	Sequence 600, App	509	7	2.3	246	14	US-10-180-999-600	Sequence 600, App
437	7	2.3	246	14	US-10-174-578-600	Sequence 600, App	510	7	2.3	246	14	US-10-183-013-600	Sequence 600, App
438	7	2.3	246	14	US-10-174-579-600	Sequence 600, App	511	7	2.3	246	14	US-10-184-612-600	Sequence 600, App
439	7	2.3	246	14	US-10-175-740-600	Sequence 600, App	512	7	2.3	246	14	US-10-184-616-600	Sequence 600, App
440	7	2.3	246	14	US-10-175-746-436	Sequence 436, App	513	7	2.3	246	14	US-10-184-617-600	Sequence 600, App
441	7	2.3	246	14	US-10-175-746-436	Sequence 436, App	514	7	2.3	246	14	US-10-184-622-600	Sequence 600, App
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443	7	2.3	246	14	US-10-176-488-600	Sequence 600, App	516	7	2.3	246	14	US-10-184-629-600	Sequence 600, App
444	7	2.3	246	14	US-10-176-492-600	Sequence 600, App	517	7	2.3	246	14	US-10-184-630-600	Sequence 600, App
445	7	2.3	246	14	US-10-176-747-600	Sequence 600, App	518	7	2.3	246	14	US-10-184-631-600	Sequence 600, App
446	7	2.3	246	14	US-10-176-747-600	Sequence 600, App	519	7	2.3	246	14	US-10-184-632-600	Sequence 600, App
447	7	2.3	246	14	US-10-176-750-600	Sequence 600, App	520	7	2.3	246	14	US-10-184-636-600	Sequence 600, App
448	7	2.3	246	14	US-10-176-921-436	Sequence 436, App	521	7	2.3	246	14	US-10-184-640-600	Sequence 600, App
449	7	2.3	246	14	US-10-176-921-436	Sequence 436, App	522	7	2.3	246	14	US-10-184-650-600	Sequence 600, App
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453	7	2.3	246	14	US-10-176-987-600	Sequence 600, App	526	7	2.3	246	14	US-10-187-598-600	Sequence 600, App

527	7	2.3	246	14	US-10-187-600-600	Sequence 600, App	600	7	2.3	246	14	US-10-142-419-436	Sequence 436, App
528	7	2.3	246	14	US-10-187-601-600	Sequence 600, App	601	7	2.3	246	14	US-10-205-908-600	Sequence 600, App
529	7	2.3	246	14	US-10-187-602-600	Sequence 600, App	602	7	2.3	246	14	US-10-184-613-600	Sequence 600, App
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531	7	2.3	246	14	US-10-187-741-600	Sequence 600, App	604	7	2.3	246	14	US-10-187-750-600	Sequence 600, App
532	7	2.3	246	14	US-10-187-743-600	Sequence 600, App	605	7	2.3	246	14	US-10-188-780-600	Sequence 600, App
533	7	2.3	246	14	US-10-187-746-600	Sequence 600, App	606	7	2.3	246	14	US-10-192-015-600	Sequence 600, App
534	7	2.3	246	14	US-10-187-747-600	Sequence 600, App	607	7	2.3	246	14	US-10-194-394-600	Sequence 600, App
535	7	2.3	246	14	US-10-187-751-600	Sequence 600, App	608	7	2.3	246	14	US-10-194-425-600	Sequence 600, App
536	7	2.3	246	14	US-10-187-753-600	Sequence 600, App	609	7	2.3	246	14	US-10-194-483-600	Sequence 600, App
537	7	2.3	246	14	US-10-187-754-600	Sequence 600, App	610	7	2.3	246	14	US-10-195-885-600	Sequence 600, App
538	7	2.3	246	14	US-10-187-757-600	Sequence 600, App	611	7	2.3	246	14	US-10-195-899-600	Sequence 600, App
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540	7	2.3	246	14	US-10-188-770-600	Sequence 600, App	613	7	2.3	246	14	US-10-196-750-600	Sequence 600, App
541	7	2.3	246	14	US-10-188-773-600	Sequence 600, App	614	7	2.3	246	14	US-10-197-699-600	Sequence 600, App
542	7	2.3	246	14	US-10-188-781-600	Sequence 600, App	615	7	2.3	246	14	US-10-197-700-600	Sequence 600, App
543	7	2.3	246	14	US-10-188-786-600	Sequence 600, App	616	7	2.3	246	14	US-10-197-708-600	Sequence 600, App
544	7	2.3	246	14	US-10-194-361-600	Sequence 600, App	617	7	2.3	246	14	US-10-197-708-600	Sequence 600, App
545	7	2.3	246	14	US-10-194-423-600	Sequence 600, App	618	7	2.3	246	14	US-10-197-708-600	Sequence 600, App
546	7	2.3	246	14	US-10-195-897-600	Sequence 600, App	619	7	2.3	246	14	US-10-198-764-600	Sequence 600, App
547	7	2.3	246	14	US-10-195-897-600	Sequence 600, App	620	7	2.3	246	14	US-10-198-765-600	Sequence 600, App
548	7	2.3	246	14	US-10-195-901-600	Sequence 600, App	621	7	2.3	246	14	US-10-198-765-600	Sequence 600, App
549	7	2.3	246	14	US-10-142-431-436	Sequence 436, App	622	7	2.3	246	14	US-10-198-768-600	Sequence 600, App
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552	7	2.3	246	14	US-10-195-902-600	Sequence 600, App	625	7	2.3	246	14	US-10-199-310-600	Sequence 600, App
553	7	2.3	246	14	US-10-196-743-600	Sequence 600, App	626	7	2.3	246	14	US-10-199-311-600	Sequence 600, App
554	7	2.3	246	14	US-10-196-760-600	Sequence 600, App	627	7	2.3	246	14	US-10-199-314-600	Sequence 600, App
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556	7	2.3	246	14	US-10-173-708-600	Sequence 600, App	629	7	2.3	246	14	US-10-199-685-600	Sequence 600, App
557	7	2.3	246	14	US-10-176-479-600	Sequence 600, App	630	7	2.3	246	14	US-10-199-685-600	Sequence 600, App
558	7	2.3	246	14	US-10-176-748-600	Sequence 600, App	631	7	2.3	246	14	US-10-199-666-600	Sequence 600, App
559	7	2.3	246	14	US-10-176-916-600	Sequence 600, App	632	7	2.3	246	14	US-10-199-666-600	Sequence 600, App
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561	7	2.3	246	14	US-10-179-516-600	Sequence 600, App	634	7	2.3	246	14	US-10-201-534-600	Sequence 600, App
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564	7	2.3	246	14	US-10-180-540-600	Sequence 600, App	637	7	2.3	246	14	US-10-201-856-600	Sequence 600, App
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566	7	2.3	246	14	US-10-183-006-600	Sequence 600, App	639	7	2.3	246	14	US-10-202-469-600	Sequence 600, App
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571	7	2.3	246	14	US-10-184-623-600	Sequence 600, App	644	7	2.3	246	14	US-10-202-936-600	Sequence 600, App
572	7	2.3	246	14	US-10-184-626-600	Sequence 600, App	645	7	2.3	246	14	US-10-202-939-600	Sequence 600, App
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					Sequence 600, App							US-10-201-324-600	Sequence 600, App
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877	7	2.3	246	14	US-10-127-846A-436	Sequence 436, App	950	7	2.3	246	14	US-10-174-575A-600	Sequence 600, App
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882	7	2.3	246	14	US-10-128-684A-436	Sequence 436, App	955	7	2.3	246	14	US-10-121-042-436	Sequence 436, App
883	7	2.3	246	14	US-10-128-686A-436	Sequence 436, App	956	7	2.3	246	14	US-10-011-671A-338	Sequence 338, App
884	7	2.3	246	14	US-10-128-690A-436	Sequence 436, App	957	7	2.3	246	14	US-10-012-755A-338	Sequence 338, App
885	7	2.3	246	14	US-10-128-691A-436	Sequence 436, App	958	7	2.3	246	14	US-10-015-386A-338	Sequence 338, App
886	7	2.3	246	14	US-10-131-819A-436	Sequence 436, App	959	7	2.3	246	14	US-10-179-526-600	Sequence 600, App
887	7	2.3	246	14	US-10-131-829A-436	Sequence 436, App	960	7	2.3	246	14	US-10-123-912-436	Sequence 436, App
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969 7 2.3 246 14 US-10-194-359-436 Sequence 436, App
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973 7 2.3 246 14 US-10-202-413-600 Sequence 600, App
974 7 2.3 246 14 US-10-202-938-600 Sequence 600, App
975 7 2.3 246 14 US-10-202-940-600 Sequence 600, App
976 7 2.3 246 14 US-10-203-508-600 Sequence 600, App
977 7 2.3 246 14 US-10-203-905-600 Sequence 600, App
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979 7 2.3 246 14 US-10-208-025-600 Sequence 600, App
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982 7 2.3 246 14 US-10-223-089-142 Sequence 142, App
983 7 2.3 246 14 US-10-223-087-142 Sequence 142, App
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989 7 2.3 246 14 US-10-006-063A-338 Sequence 338, App
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991 7 2.3 246 14 US-10-127-847A-436 Sequence 436, App
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994 7 2.3 246 14 US-10-206-907-600 Sequence 600, App
995 7 2.3 246 14 US-10-223-083-142 Sequence 142, App
996 7 2.3 246 14 US-10-015-391A-338 Sequence 338, App
997 7 2.3 246 14 US-10-175-590-436 Sequence 436, App
998 7 2.3 246 14 US-10-183-009-600 Sequence 600, App
999 7 2.3 246 14 US-10-187-755-600 Sequence 600, App
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ALIGNMENTS

RESULT 1
US-10-047-021-86
; Sequence 86, Application US/10047021
; Publication No. US20040002591A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 50 Human Secreted Proteins
; FILE REFERENCE: P2016P2
; CURRENT APPLICATION NUMBER: US/10/047, 021
; CURRENT FILING DATE: 2002-01-15
; PRIOR APPLICATION NUMBER: US 60/262, 066
; PRIOR FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: US 09/722, 329
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: US 09/262, 109
; PRIOR FILING DATE: 1999-03-04
; PRIOR APPLICATION NUMBER: PCT/US98/18360
; PRIOR FILING DATE: 1998-09-03
; PRIOR APPLICATION NUMBER: US 60/057, 626
; PRIOR FILING DATE: 1997-09-05
; PRIOR APPLICATION NUMBER: US 60/057, 663
; PRIOR FILING DATE: 1997-09-05
; PRIOR APPLICATION NUMBER: US 60/057, 669
; PRIOR FILING DATE: 1997-09-05
; PRIOR APPLICATION NUMBER: US 60/058, 667
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: US 60/058, 974
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: US 60/058, 973
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: US 60/058, 666
; PRIOR FILING DATE: 1997-09-12

RESULT 2
US-10-411-224-86
; Sequence 86, Application US/10411224
; Publication No. US20030166906A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 50 Human Secreted Proteins
; FILE REFERENCE: P2016P1
; CURRENT APPLICATION NUMBER: US/10/411, 224
; CURRENT FILING DATE: 2003-04-11
; PRIOR APPLICATION NUMBER: US/09/722, 329
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: 09/262, 109
; PRIOR FILING DATE: 1999-03-04
; PRIOR APPLICATION NUMBER: 60/057, 626
; PRIOR FILING DATE: 1997-09-05
; PRIOR APPLICATION NUMBER: 60/057, 663
; PRIOR FILING DATE: 1997-09-05
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; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/058, 974
; PRIOR FILING DATE: 1997-09-12

; PRIOR APPLICATION NUMBER: US 60/090, 112
; PRIOR FILING DATE: 1998-06-22
; NUMBER OF SEQ ID NOS: 206
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 86
; LENGTH: 303
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (203)
; OTHER INFORMATION: Xaa equals any amino acid
; NAME/KEY: SITE
; LOCATION: (267)
; OTHER INFORMATION: Xaa equals any amino acid
; NAME/KEY: SITE
; LOCATION: (274)
; OTHER INFORMATION: Xaa equals any amino acid
US-10-047-021-86

Query Match 99.0%; Score 300; DB 15; Length 303;
Best Local Similarity 100.0%; Pred. No. 1.2e-260;
Matches 303; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MGSQEDSLGGRGSLPLLLLLINGGMAQDSPPQILVHPDQLFQGGPARMSCRASQPP 60
DB 1 MGSQEDSLGGRGSLPLLLLLINGGMAQDSPPQILVHPDQLFQGGPARMSCRASQPP 60
QY 61 PTIRWLLNGQPLSMVPPDPHLLPDGTLILLQPPARGHADGQALSTDGLGVYTCESNRL 120
DB 61 PTIRWLLNGQPLSMVPPDPHLLPDGTLILLQPPARGHADGQALSTDGLGVYTCESNRL 120
QY 121 GTAVSRGARLSVAVLRDFQIQPRDMVAVVGEQFTLECGPPWGHPEPTVSWWKDGKPLAL 180
DB 121 GTAVSRGARLSVAVLRDFQIQPRDMVAVVGEQFTLECGPPWGHPEPTVSWWKDGKPLAL 180
QY 181 QFGSHTVSGSLLMARAESDXTYMCVATNSAGHRESRAARVSIQEPQDYTPVELLAV 240
DB 181 QFGSHTVSGSLLMARAESDXTYMCVATNSAGHRESRAARVSIQEPQDYTPVELLAV 240
QY 241 RIQLENTVLLNPDPAGPKPRPAVWLXWKVSGPXRLPNLTPCSPGRELPREARELQRR 300
DB 241 RIQLENTVLLNPDPAGPKPRPAVWLXWKVSGPXRLPNLTPCSPGRELPREARELQRR 300
QY 301 NTG 303
DB 301 NTG 303
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; PRIOR APPLICATION NUMBER: 60/058,973
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/058,666
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/090,112
; PRIOR FILING DATE: 1998-06-22
; NUMBER OF SEQ ID NOS: 206
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 86
; LENGTH: 304
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (203)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (267)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (274)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (304)
; OTHER INFORMATION: Xaa equals stop translation
; US-10-411-224-86

Query Match          99.0%; Score 300; DB 14; Length 304;
Best Local Similarity 100.0%; Pred. No. 1.2e-260;
Matches 303; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MSGGDSLLGGRGSLPLLLLLIMGMAQDSPQILVHPDQDLFOGPGPARMSCASGQPP 60

QY 61 PTIRLLNGQPLSMVPPDPHLLPDGTLILLQPPARGHAGQALSTDLGYVTCASNRL 120
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QY 121 GTAVSRGARLSAVLREDFQIQPRDMVAVVGEQFTLECGPWGHPPTVSWKDGKPLAL 180
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QY 181 QPGRHTVSGSLLMARAEKSDXTVMCVATNSAGHRESRAARVSTQEPQDYTEPVELLAV 240
DB 181 QPGRHTVSGSLLMARAEKSDXTVMCVATNSAGHRESRAARVSTQEPQDYTEPVELLAV 240

QY 241 RIQLENVTLNPDPAEGPKPRPAVLXWKVSGPXRLPNLTRPCSGPRLPREARELRGQR 300
DB 241 RIQLENVTLNPDPAEGPKPRPAVLXWKVSGPXRLPNLTRPCSGPRLPREARELRGQR 300

QY 301 NTG 303
DB 301 NTG 303

RESULT 3
US-09-796-753-158
; Sequence 158, Application US/09796753
; Publication No. US20030027998A1
; GENERAL INFORMATION:
; APPLICANT: McCarthy, Sean A.
; TITLE OF INVENTION: SECRETED PROTEINS AND USES THEREOF
; FILE REFERENCE: 7853-227-999
; CURRENT APPLICATION NUMBER: US/09/796,753
; CURRENT FILING DATE: 2001-03-01
; PRIOR APPLICATION NUMBER: 09/183,175
; PRIOR FILING DATE: 1998-10-30
; PRIOR APPLICATION NUMBER: 09/223,094
; PRIOR FILING DATE: 1998-12-30
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; PRIOR APPLICATION NUMBER: 09/223,546
; PRIOR FILING DATE: 1998-12-30
; PRIOR APPLICATION NUMBER: 09/224,246
; PRIOR FILING DATE: 1998-12-30
; PRIOR APPLICATION NUMBER: 09/259,388
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: 60/122,458
; PRIOR FILING DATE: 1999-03-01
; PRIOR APPLICATION NUMBER: 09/312,359
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: 09/336,536
; PRIOR FILING DATE: 1999-06-18
; PRIOR APPLICATION NUMBER: 09/342,687
; PRIOR FILING DATE: 1999-06-29
; PRIOR APPLICATION NUMBER: 09/345,464
; PRIOR FILING DATE: 1999-06-30
; PRIOR APPLICATION NUMBER: 09/365,164
; PRIOR FILING DATE: 1999-07-30
; PRIOR APPLICATION NUMBER: 09/399,723
; PRIOR FILING DATE: 1999-09-20
; PRIOR APPLICATION NUMBER: 09/409,634
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: 09/471,179
; PRIOR FILING DATE: 1999-12-23
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; PRIOR FILING DATE: 1999-12-29
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; PRIOR APPLICATION NUMBER: 09/572,002
; PRIOR FILING DATE: 2000-05-14
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; PRIOR FILING DATE: 2000-06-19
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; PRIOR FILING DATE: 2000-06-29
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; PRIOR FILING DATE: 2000-06-29
; PRIOR APPLICATION NUMBER: 09/665,666
; PRIOR FILING DATE: 2000-09-20
; PRIOR APPLICATION NUMBER: 09/677,751
; PRIOR FILING DATE: 2000-09-30
; NUMBER OF SEQ ID NOS: 162
; SEQ ID NO 158
; LENGTH: 480
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-796-753-158
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Query Match          48.8%; Score 148; DB 10; Length 480;
Best Local Similarity 100.0%; Pred. No. 4e-124;
Matches 148; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 55 ASGQPPPTIRWLLNGQPLSMVPPDPHLLPDGTLILLQPPARGHAGQALSTDLGYVTC 114
DB 86 ASGQPPPTIRWLLNGQPLSMVPPDPHLLPDGTLILLQPPARGHAGQALSTDLGYVTC 145

QY 115 EASNRLGTAVSRGARLSAVLREDFQIQPRDMVAVVGEQFTLECGPWGHPPTVSWKWD 174
DB 146 EASNRLGTAVSRGARLSAVLREDFQIQPRDMVAVVGEQFTLECGPWGHPPTVSWKWD 205

QY 175 GKPLALQPGRHTVSGSLLMARAEKSD 202
DB 206 GKPLALQPGRHTVSGSLLMARAEKSD 233

RESULT 4
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US-09-978-295A-211
; Sequence 211, Application US/09978295A
; Patent No. US20020156006A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gottard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavits, Ivar J.
; APPLICANT: Kuc, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoli, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC11
; CURRENT APPLICATION NUMBER: US/09/978,295A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
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; PRIOR FILING DATE: 1998-03-11
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; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
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; PRIOR FILING DATE: 1998-03-20
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; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
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; PRIOR APPLICATION NUMBER: 60/085697

Query Match 48.8%; Score 148; DB 9; Length 985;
Best Local Similarity 100.0%; Pred. No. 7.4e-124;
Matches 148; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 55 ASGQPPPTIRWLLNGQPLSMVPPDPHLLPDGTTLLLOPPARGHARDGQALSTDLGVYTC 114
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QY 115 EASNRLGTAVSRGARLSAVLREDFOIQRDMVAWVGQFTLECGPPWGHPEPTVSWKWD 174
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QY 175 GKPLALQGRHTVSGSLIMARAESKDE 202
Db 153 GKPLALQGRHTVSGSLIMARAESKDE 180

RESULT 5
US-09-978-697-211
; Sequence 211, Application US/09978697
; Patent No. US20020169284A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
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; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC27
; CURRENT APPLICATION NUMBER: US/09/978,697
; CURRENT FILING DATE: 2001-10-16
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Query Match 48.8%; Score 148; DB 9; Length 985;
Best Local Similarity 100.0%; Pred.No. 7.4e-124;
Matches 148; Conservative 0; Mismatches 0; Indels

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Db	93	EASNRLGTAVSARGARLSVAVLREDFQIQPRDMVAVVGEOFTLECGPPWGHPEPTVSNWKD	152
QY	175	GKPLALQPGRHTVSGGSLIMARAESKDE	202
Db	153	GKPLALQPGRHTVSGGSLIMARAESKDE	180

RESULT 6

US-09-978-192A-211
 ; Sequence 211, Application US/09978192A
 ; Patent No. US20020177553A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Baker Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
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 ; APPLICANT: Wood, William I.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: P2630FIC9
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 DB 153 GKPLAQPGRTVSGSLLMARAKSDE 180

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 ; Publication No. US20020192706A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Baker Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
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, PRIOR FILING DATE: 1998-04-23
, PRIOR APPLICATION NUMBER: 60/083336
, PRIOR FILING DATE: 1998-04-27
, PRIOR APPLICATION NUMBER: 60/083322
, PRIOR FILING DATE: 1998-04-28
, PRIOR APPLICATION NUMBER: 60/083392
, PRIOR FILING DATE: 1998-04-29
, PRIOR APPLICATION NUMBER: 60/083495

, PRIOR FILING DATE: 1998-04-29
, PRIOR APPLICATION NUMBER: 60/083496
, PRIOR FILING DATE: 1998-04-29
, PRIOR APPLICATION NUMBER: 60/083499
, PRIOR FILING DATE: 1998-04-29
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, PRIOR APPLICATION NUMBER: 60/085582
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, PRIOR APPLICATION NUMBER: 60/085700
, PRIOR FILING DATE: 1998-05-15
, PRIOR APPLICATION NUMBER: 60/085689
, PRIOR FILING DATE: 1998-05-15
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, PRIOR FILING DATE: 1998-05-15
, PRIOR APPLICATION NUMBER: 60/085580
, PRIOR FILING DATE: 1998-05-15
, PRIOR APPLICATION NUMBER: 60/085573
, PRIOR FILING DATE: 1998-05-15
, PRIOR APPLICATION NUMBER: 60/085704
, PRIOR FILING DATE: 1998-05-15
, PRIOR APPLICATION NUMBER: 60/085697

Query Match 48.8%; Score 148; DB 9; Length 985;
Best Local Similarity 100.0%; Pred. No. 7,4e-124;
Matches 148; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 55 ASGQPPPTIRWLINGQPLSNWPPDPHLLPDGTTLLLPARGHAHDGQALSTDLGVYTC 114
Db 33 ASGQPPPTIRWLINGQPLSNWPPDPHLLPDGTTLLLPARGHAHDGQALSTDLGVYTC 92
Qy 115 EASNRLGTAVSRGARSUAVLREDFCIQPRDMVAVVGEQFTLECGPPWGHPPPTVSNWKO 174
Db 93 EASNRLGTAVSRGARSUAVLREDFCIQPRDMVAVVGEQFTLECGPPWGHPPPTVSNWKO 152
Qy 175 GKPLALQPGHHTVSGGSLLMARAKSDE 202

Db 153 GKPLALQPGHVTSGSLLMARAKSDE 180

RESULT 8

US-09-978-189-211
; Sequence 211, Application US/09978189
; Publication No. US20030004102A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC7
; CURRENT APPLICATION NUMBER: US/09/978,189
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
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;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 48.8%; Score 148; DB 10; Length 985;
Best Local Similarity 100.0%; Pred. No. 7.4e-124;
Matches 148; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 55 ASGQPPPTIRLLNGQPLSMVPPDPHLLPDGTLTLLQPPARGHAGDQALSTDLGVYTC 114
DB 33 ASGQPPPTIRLLNGQPLSMVPPDPHLLPDGTLTLLQPPARGHAGDQALSTDLGVYTC 92
QY 115 EASNRLGTAVSRGARLSVAVLREDFOIQPRDMVAVVGEQFTLECGPPWGHPEPTVSWWKD 174
DB 93 EASNRLGTAVSRGARLSVAVLREDFOIQPRDMVAVVGEQFTLECGPPWGHPEPTVSWWKD 152
QY 175 GKPLALQPGRHTVSGSLLMARAEKSD 202

DB 153 GKPLALQPGRHTVSGSLLMARAEKSD 180
RESULT 9
US-09-978-608A-211
; Sequence 211, Application US/09978608A
; Publication No. US20030045462A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC22
; CURRENT APPLICATION NUMBER: US/09/978,608A
; CURRENT FILING DATE: 2001-10-16
; NUMBER OF SEQ ID NOS: 624
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 211
; LENGTH: 985
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-978-608A-211

Query Match 48.8%; Score 148; DB 10; Length 985;
Best Local Similarity 100.0%; Pred. No. 7.4e-124;
Matches 148; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 55 ASGQPPPTIRLLNGQPLSMVPPDPHLLPDGTLTLLQPPARGHAGDQALSTDLGVYTC 114
DB 33 ASGQPPPTIRLLNGQPLSMVPPDPHLLPDGTLTLLQPPARGHAGDQALSTDLGVYTC 92
QY 115 EASNRLGTAVSRGARLSVAVLREDFOIQPRDMVAVVGEQFTLECGPPWGHPEPTVSWWKD 174
DB 93 EASNRLGTAVSRGARLSVAVLREDFOIQPRDMVAVVGEQFTLECGPPWGHPEPTVSWWKD 152
QY 175 GKPLALQPGRHTVSGSLLMARAEKSD 202
DB 153 GKPLALQPGRHTVSGSLLMARAEKSD 180

RESULT 10
US-09-978-585A-211
; Sequence 211, Application US/09978585A
; Publication No. US20030049633A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C15
; CURRENT FILING DATE: 2001-10-16
; NUMBER OF SEQ ID NOS: 624
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 211
; LENGTH: 985
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-978-585A-211

Query Match 48.8%; Score 148; DB 10; Length 985;
Best Local Similarity 100.0%; Pred. No. 7.4e-124;
Matches 148; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 55 ASGQPPPTIRLLNGQPLSMVPPDPHLLPDGTLTLLQPPARGHAHDGQALSTDIGVYTC 114
DB 33 ASGQPPPTIRLLNGQPLSMVPPDPHLLPDGTLTLLQPPARGHAHDGQALSTDIGVYTC 92
QY 115 EASNRLGTAVSGARLSVAVLREDFQIQPRDMVAVVVGQFTLECGPPNGHPPTVSWMKD 174
DB 93 EASNRLGTAVSGARLSVAVLREDFQIQPRDMVAVVVGQFTLECGPPNGHPPTVSWMKD 152
QY 175 GKPLALQPCRHTVSGSLLMARAEKSDS 202
DB 153 GKPLALQPCRHTVSGSLLMARAEKSDS 180

RESULT 11
US-09-978-191A-211
; Sequence 211, Application US/09978191A
; Publication No. US20030050239A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C14
; CURRENT FILING DATE: 2001-10-15
; CURRENT APPLICATION NUMBER: US/09/978,191A
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-21
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; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
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; PRIOR APPLICATION NUMBER: 60/079923
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/080105
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; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31

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;; PRIOR FILING DATE: 1998-04-30
;; PRIOR APPLICATION NUMBER: 60/084366
;; PRIOR FILING DATE: 1998-05-05
;; PRIOR APPLICATION NUMBER: 60/084414

;; PRIOR FILING DATE: 1998-05-06
;; PRIOR APPLICATION NUMBER: 60/084441
;; PRIOR FILING DATE: 1998-05-06
;; PRIOR APPLICATION NUMBER: 60/084637
;; PRIOR FILING DATE: 1998-05-07
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;; PRIOR FILING DATE: 1998-05-07
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;; PRIOR FILING DATE: 1998-05-07
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;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 48.8%; Score 148; DB 10; Length 985;

Best Local Similarity 100.0%; Pred. No. 7.4e-124; Indels 0; Gaps 0;
Matches 148; Conservative 0; Mismatches 0;

QY 55 ASCQPPPTIRWLNGQPLSNVPPDPHLLPDGTLTLLQLPPARGHAHDGQALSTDLGVYTC 114
Db 33 ASCQPPPTIRWLNGQPLSNVPPDPHLLPDGTLTLLQLPPARGHAHDGQALSTDLGVYTC 92
QY 115 EASNRLGTAVSRGARSVAVLREDFOIQPRDMVAVVVGEOFTLECGPPWGHPEPTVSWKWD 174
Db 93 EASNRLGTAVSRGARSVAVLREDFOIQPRDMVAVVVGEOFTLECGPPWGHPEPTVSWKWD 152
QY 175 GKPLALQPGRHVTYGGSLLMARAEKSD 202
Db 153 GKPLALQPGRHVTYGGSLLMARAEKSD 180

RESULT 12

US-09-978-403A-211
; Sequence 211, Application US/09978403A
; Publication No. US20030050240A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deanoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Geritsen, Mary E.
; APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C17
CURRENT APPLICATION NUMBER: US/09/978,403A
CURRENT FILING DATE: 2002-03-19
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
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PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083742
PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/084366
PRIOR FILING DATE: 1998-05-05


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RESULT 13
US-09-978-564A-211
; Sequence 211, Application US/09978564A
; Publication No. US20030050241A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.

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/ PRIOR APPLICATION NUMBER: 60/080165
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 / PRIOR FILING DATE: 1998-05-15
 / PRIOR APPLICATION NUMBER: 60/085704
 / PRIOR FILING DATE: 1998-05-15
 / PRIOR APPLICATION NUMBER: 60/085697

Query Match 48.8%; Score 148; DB 10; Length 985;
 Best Local Similarity 100.0%; Pred. No. 7,4e-124;
 Matches 148; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 55 ASQPPPTIRWLINGQPLSMVPPDPHLLPDGTLTLLQPPARGHADGQALSTDLGVYTC 114
 Db 33 ASQPPPTIRWLINGQPLSMVPPDPHLLPDGTLTLLQPPARGHADGQALSTDLGVYTC 92
 QY 115 EASNRLGTAVSARGARLSVAVLREDFOIQRDMVAVVGEQFTLECGPPWGHPEPTVSWKD 174
 Db 93 EASNRLGTAVSARGARLSVAVLREDFOIQRDMVAVVGEQFTLECGPPWGHPEPTVSWKD 152
 QY 175 GKPLALQGRHTVSGGSLLMARAEKSDE 202
 Db 153 GKPLALQGRHTVSGGSLLMARAEKSDE 180

RESULT 14
 US-09-999-833A-211
 ; Sequence 211, Application US/09999833A
 ; Publication No. US20030054405A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Baker Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan
 ; APPLICANT: Ferrara, Napoleon
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PIC65
CURRENT APPLICATION NUMBER: US/09/999.833A
CURRENT FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
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PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 48.8%; Score 148; DB 10; Length 985;
Best Local Similarity 100.0%; Pred. No. 7.4e-124; Mismatches 0; Indels 0; Gaps 0;
Matches 148; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 55 ASGQPPPTIRWLINGQPLSMVPPDPHLLPDGTLTLLQPPARGHAGDQALSTDLGVVTC 114
Dd 33 ASGQPPPTIRWLINGQPLSMVPPDPHLLPDGTLTLLQPPARGHAGDQALSTDLGVVTC 92
QY 115 EASNRLGTAVSGARLSVAVLREDFQIQPRDMVAVVGSQFTLECGPPHGHPEPTVSWKWD 174
Dd 93 EASNRLGTAVSGARLSVAVLREDFQIQPRDMVAVVGSQFTLECGPPHGHPEPTVSWKWD 152
QY 175 GKPLALQPGRHVTSGGSLIMARAESKDE 202
Dd 153 GKPLALQPGRHVTSGGSLIMARAESKDE 180

RESULT 15
US-09-981-915A-211
Sequence 211, Application US/09981915A
Publication No. US20030054986A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
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APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C12
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OM protein - nucleic search, using frame_plus_p2n model

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151	7	2.3	376	2	US-08-553-501A-54	Sequence 54, Appl	224	7	2.3	414	1	US-08-436-717-85	Sequence 85, Appl
152	7	2.3	376	2	US-08-553-501A-56	Sequence 56, Appl	225	7	2.3	414	4	US-09-252-991A-12	Sequence 12, Appl
153	7	2.3	376	3	US-09-205-231-54	Sequence 54, Appl	226	7	2.3	417	4	US-09-352-991A-871	Sequence 871, Appl
154	7	2.3	376	3	US-09-205-231-56	Sequence 56, Appl	227	7	2.3	419	4	US-08-956-171B-3970	Sequence 3970, Ap
155	7	2.3	379	2	US-08-765-783A-72	Sequence 72, Appl	228	7	2.3	423	4	US-09-489-039A-2136	Sequence 2136, Ap
156	7	2.3	379	2	US-08-765-783A-76	Sequence 76, Appl	229	7	2.3	423	4	US-09-621-976-19201	Sequence 19201, A
157	7	2.3	379	3	US-08-921-100-72	Sequence 72, Appl	230	7	2.3	424	4	US-09-621-976-19201	Sequence 19201, A
158	7	2.3	379	3	US-08-921-100-76	Sequence 76, Appl	231	7	2.3	425	4	US-09-621-976-42	Sequence 42, Appl

C 232	7	2.3	426	4	US-09-252-991A-5382	Sequence 5382, Ap	C 305	7	2.3	562	4	US-09-404-879A-147	Sequence 147, App
C 233	7	2.3	428	4	US-08-833-381-1936	Sequence 1936, Ap	C 306	7	2.3	562	4	US-09-338-933-147	Sequence 147, App
C 234	7	2.3	429	3	US-08-905-223-61	Sequence 61, Appl	C 307	7	2.3	562	4	US-09-215-681-147	Sequence 147, App
C 235	7	2.3	429	4	US-09-252-991A-5365	Sequence 5365, Ap	C 308	7	2.3	562	4	US-09-216-003A-147	Sequence 147, App
C 236	7	2.3	430	3	US-08-905-223-224	Sequence 224, App	C 309	7	2.3	564	3	US-09-117-257-26	Sequence 26, Appl
C 237	7	2.3	432	4	US-09-252-991A-13256	Sequence 13256, A	C 310	7	2.3	564	3	US-09-117-257-29	Sequence 29, Appl
C 238	7	2.3	433	4	US-09-397-787-162	Sequence 162, App	C 311	7	2.3	564	3	US-09-117-257-31	Sequence 31, Appl
C 239	7	2.3	435	4	US-09-397-787-162	Sequence 162, App	C 312	7	2.3	564	3	US-09-117-257-43	Sequence 43, Appl
C 240	7	2.3	436	3	US-09-085-159B-28	Sequence 28, Appl	C 313	7	2.3	564	3	US-08-945-476-26	Sequence 26, Appl
C 241	7	2.3	438	4	US-08-252-991A-5763	Sequence 5763, Ap	C 314	7	2.3	564	4	US-09-489-352-26	Sequence 26, Appl
C 242	7	2.3	439	4	US-09-397-787-164	Sequence 164, Ap	C 315	7	2.3	564	4	US-09-489-352-29	Sequence 29, Appl
C 243	7	2.3	452	4	US-09-621-976-10164	Sequence 10164, A	C 316	7	2.3	564	4	US-09-489-352-31	Sequence 31, Appl
C 244	7	2.3	454	4	US-09-489-039A-3182	Sequence 3182, Ap	C 317	7	2.3	564	4	US-09-489-352-43	Sequence 43, Appl
C 245	7	2.3	459	4	US-09-621-976-3656	Sequence 3656, Ap	C 318	7	2.3	564	4	US-09-252-991A-13400	Sequence 13400, A
C 246	7	2.3	461	4	US-09-621-976-16267	Sequence 16267, A	C 319	7	2.3	567	3	US-09-117-257-35	Sequence 35, Appl
C 247	7	2.3	467	4	US-08-621-976-443	Sequence 443, App	C 320	7	2.3	567	3	US-09-489-352-35	Sequence 35, Appl
C 248	7	2.3	468	4	US-09-543-681A-749	Sequence 749, App	C 321	7	2.3	573	3	US-09-117-257-12	Sequence 12, Appl
C 249	7	2.3	468	4	US-09-894-844-29	Sequence 29, Appl	C 322	7	2.3	573	3	US-08-945-476-12	Sequence 12, Appl
C 250	7	2.3	470	1	US-08-785-065-6	Sequence 6, Appl	C 323	7	2.3	573	3	US-09-489-352-12	Sequence 12, Appl
C 251	7	2.3	470	4	US-09-151-412-6	Sequence 6, Appl	C 324	7	2.3	576	3	US-09-117-257-39	Sequence 39, Appl
C 252	7	2.3	472	4	US-09-833-381-203	Sequence 203, App	C 325	7	2.3	576	3	US-09-489-352-39	Sequence 39, Appl
C 253	7	2.3	476	3	US-09-276-531-104	Sequence 104, App	C 326	7	2.3	577	4	US-09-621-976-3182	Sequence 3182, Ap
C 254	7	2.3	476	4	US-09-507-765-1	Sequence 1, Appl	C 327	7	2.3	582	4	US-09-833-381-1250	Sequence 1250, Ap
C 255	7	2.3	477	4	US-09-252-991A-15998	Sequence 15998, A	C 328	7	2.3	589	4	US-09-833-381-752	Sequence 752, App
C 256	7	2.3	485	4	US-09-247-155-75	Sequence 75, Appl	C 329	7	2.3	590	1	US-08-314-309A-10	Sequence 10, Appl
C 257	7	2.3	485	4	US-09-484-970B-120	Sequence 120, App	C 330	7	2.3	594	4	US-08-454-899G-16	Sequence 16, Appl
C 258	7	2.3	486	4	US-09-252-991A-3871	Sequence 3871, Ap	C 331	7	2.3	594	4	US-09-641-638-60	Sequence 60, Appl
C 259	7	2.3	486	4	US-09-252-991A-12574	Sequence 12574, A	C 332	7	2.3	598	4	US-09-641-638-574	Sequence 574, App
C 260	7	2.3	501	4	US-09-148-545-60	Sequence 60, Appl	C 333	7	2.3	600	4	US-09-540-236-42	Sequence 42, Appl
C 261	7	2.3	503	4	US-09-702-705-1364	Sequence 1364, Ap	C 334	7	2.3	604	4	US-09-621-976-910	Sequence 910, App
C 262	7	2.3	503	4	US-09-736-457-1364	Sequence 1364, Ap	C 335	7	2.3	608	4	US-09-669-751-247	Sequence 247, App
C 263	7	2.3	503	4	US-09-614-124B-1364	Sequence 1364, Ap	C 336	7	2.3	614	4	US-08-407-620A-33	Sequence 33, Appl
C 264	7	2.3	506	1	US-08-671-325-1364	Sequence 1364, Ap	C 337	7	2.3	615	4	US-09-252-991A-13615	Sequence 13615, A
C 265	7	2.3	506	1	US-08-137-117D-65	Sequence 65, Appl	C 338	7	2.3	618	4	US-09-252-991A-857	Sequence 857, App
C 266	7	2.3	506	1	US-08-436-717-65	Sequence 65, Appl	C 339	7	2.3	619	3	US-08-896-164-51	Sequence 51, Appl
C 267	7	2.3	513	3	US-08-911-853-32	Sequence 32, Appl	C 340	7	2.3	623	3	US-09-043-303-5	Sequence 5, Appl
C 268	7	2.3	513	3	US-08-642-274D-48	Sequence 48, Appl	C 341	7	2.3	632	1	US-08-111-080-29	Sequence 29, Appl
C 269	7	2.3	513	3	US-09-479-409-32	Sequence 32, Appl	C 342	7	2.3	632	1	US-08-111-080-31	Sequence 31, Appl
C 270	7	2.3	513	3	US-08-952-014C-48	Sequence 48, Appl	C 343	7	2.3	632	1	US-08-211-980-29	Sequence 29, Appl
C 271	7	2.3	516	4	US-09-479-453-32	Sequence 32, Appl	C 344	7	2.3	632	1	US-08-211-980-31	Sequence 31, Appl
C 272	7	2.3	520	4	US-09-083-268-1	Sequence 1, Appl	C 345	7	2.3	632	5	PCT-US93-07967-29	Sequence 29, Appl
C 273	7	2.3	524	3	US-09-621-976-325	Sequence 325, App	C 346	7	2.3	632	5	PCT-US93-07967-31	Sequence 31, Appl
C 274	7	2.3	528	4	US-08-513-968-49	Sequence 49, Appl	C 347	7	2.3	642	2	US-09-609-324A-9	Sequence 9, Appl
C 275	7	2.3	528	4	US-09-107-532A-1529	Sequence 1529, Ap	C 348	7	2.3	642	2	US-08-920-440B-9	Sequence 9, Appl
C 276	7	2.3	528	4	US-09-489-039A-2976	Sequence 2976, Ap	C 349	7	2.3	642	3	US-09-173-49A-9	Sequence 9, Appl
C 277	7	2.3	533	6	5482709-5	Patent No. 5482709	C 350	7	2.3	642	3	US-09-173-49A-9	Sequence 9, Appl
C 278	7	2.3	536	4	US-09-148-545-115	Sequence 115, App	C 351	7	2.3	642	4	US-09-580-236A-9	Sequence 9, Appl
C 279	7	2.3	543	6	5273901-6	Patent No. 5273901	C 352	7	2.3	642	4	US-09-252-991A-15522	Sequence 15522, A
C 280	7	2.3	546	4	US-09-566-921-78	Sequence 78, Appl	C 353	7	2.3	642	4	US-09-669-751-54	Sequence 54, Appl
C 281	7	2.3	551	4	US-09-023-655-786	Sequence 786, App	C 354	7	2.3	660	4	US-09-540-236-713	Sequence 713, App
C 282	7	2.3	552	3	US-09-117-257-20	Sequence 20, Appl	C 355	7	2.3	660	4	US-09-280-116-265	Sequence 265, App
C 283	7	2.3	552	3	US-08-945-476-20	Sequence 20, Appl	C 356	7	2.3	669	4	US-09-669-751-79	Sequence 79, Appl
C 284	7	2.3	555	3	US-09-489-352-20	Sequence 20, Appl	C 357	7	2.3	678	4	US-09-601-198-125	Sequence 125, App
C 285	7	2.3	555	4	US-09-117-257-51	Sequence 51, Appl	C 358	7	2.3	682	4	US-09-404-879A-52	Sequence 52, Appl
C 286	7	2.3	557	4	US-09-489-352-51	Sequence 51, Appl	C 359	7	2.3	682	4	US-09-338-933-52	Sequence 52, Appl
C 287	7	2.3	558	4	US-09-621-976-10645	Sequence 10646, A	C 360	7	2.3	682	4	US-09-215-681-52	Sequence 52, Appl
C 288	7	2.3	561	2	US-09-252-991A-9943	Sequence 9943, Ap	C 361	7	2.3	682	4	US-09-216-003A-52	Sequence 52, Appl
C 289	7	2.3	561	2	US-08-589-711-3	Sequence 3, Appl	C 362	7	2.3	690	3	US-08-352-235-4	Sequence 4, Appl
C 290	7	2.3	561	3	US-09-117-257-14	Sequence 14, Appl	C 363	7	2.3	690	4	US-09-669-971-4	Sequence 4, Appl
C 291	7	2.3	561	3	US-09-117-257-22	Sequence 22, Appl	C 364	7	2.3	692	4	US-09-404-879A-15	Sequence 15, Appl
C 292	7	2.3	561	3	US-09-117-257-24	Sequence 24, Appl	C 365	7	2.3	692	4	US-09-338-933-15	Sequence 15, Appl
C 293	7	2.3	561	3	US-09-221-938-3	Sequence 3, Appl	C 366	7	2.3	692	4	US-09-215-681-15	Sequence 15, Appl
C 294	7	2.3	561	3	US-08-945-476-8	Sequence 8, Appl	C 367	7	2.3	692	4	US-09-216-003A-15	Sequence 15, Appl
C 295	7	2.3	561	3	US-08-945-476-14	Sequence 14, Appl	C 368	7	2.3	693	3	US-08-896-164-50	Sequence 50, Appl
C 296	7	2.3	561	3	US-08-945-476-22	Sequence 22, Appl	C 369	7	2.3	702	4	US-09-252-991A-626	Sequence 626, App
C 297	7	2.3	561	3	US-08-945-476-24	Sequence 24, Appl	C 370	7	2.3	706	4	US-09-280-116-173	Sequence 173, App
C 298	7	2.3	561	4	US-09-489-352-14	Sequence 14, Appl	C 371	7	2.3	707	4	US-09-621-976-909	Sequence 909, App
C 299	7	2.3	561	4	US-09-489-352-22	Sequence 22, Appl	C 372	7	2.3	708	4	US-09-107-532A-639	Sequence 639, App
C 300	7	2.3	561	4	US-09-489-352-24	Sequence 24, Appl	C 373	7	2.3	713	4	US-09-620-312D-875	Sequence 875, App
C 301	7	2.3	561	4	US-09-702-705-370	Sequence 370, App	C 374	7	2.3	719	4	US-09-328-475C-305	Sequence 305, App
C 302	7	2.3	561	4	US-09-736-457-370	Sequence 370, App	C 375	7	2.3	723	4	US-09-495-050C-220	Sequence 220, App
C 303	7	2.3	561	4	US-09-614-124B-370	Sequence 370, App	C 376	7	2.3	741	4	US-09-532-856-3	Sequence 3, Appl
C 304	7	2.3	561	4	US-09-589-184-370	Sequence 370, App	C 377	7	2.3	741	4	US-09-328-475C-304	Sequence 304, App

C 378	7	2.3	741	4	US-09-252-991A-15	Sequence 15, Appl	451	7	2.3	1011	4	US-09-876-527-27	Sequence 27, Appl
C 379	7	2.3	741	4	US-09-524-100C-3	Sequence 3, Appl	452	7	2.3	1026	2	US-08-751-767A-1	Sequence 1, Appl
C 380	7	2.3	745	1	US-08-036-555B-163	Sequence 163, Appl	453	7	2.3	1026	2	US-09-023-655-1041	Sequence 1041, Ap
C 381	7	2.3	745	1	US-08-469-569-163	Sequence 163, Appl	454	7	2.3	1033	2	US-08-414-657D-19	Sequence 19, Appl
C 382	7	2.3	745	1	US-08-249-322A-163	Sequence 163, Appl	C 455	7	2.3	1038	4	US-09-252-991A-4209	Sequence 4209, Ap
C 383	7	2.3	745	1	US-08-469-526A-163	Sequence 163, Appl	C 456	7	2.3	1041	4	US-09-252-991A-7585	Sequence 7585, Ap
C 384	7	2.3	745	2	US-08-734-591A-163	Sequence 163, Appl	C 457	7	2.3	1045	2	US-08-808-550-1	Sequence 1, Appl
C 385	7	2.3	745	2	US-08-469-660-163	Sequence 163, Appl	C 458	7	2.3	1046	2	US-08-808-550-40	Sequence 40, Appl
C 386	7	2.3	745	3	US-08-341-018-51	Sequence 51, Appl	C 459	7	2.3	1050	1	US-08-032-848C-11	Sequence 11, Appl
C 387	7	2.3	745	3	US-08-470-335-163	Sequence 163, Appl	C 460	7	2.3	1050	1	US-08-438-870-11	Sequence 11, Appl
C 388	7	2.3	745	3	US-08-735-021-163	Sequence 163, Appl	C 461	7	2.3	1050	1	US-08-774-065-1	Sequence 1, Appl
C 389	7	2.3	745	3	US-08-734-664A-163	Sequence 163, Appl	C 462	7	2.3	1058	4	US-09-016-434-1206	Sequence 1206, Ap
C 390	7	2.3	745	3	US-08-470-339-163	Sequence 163, Appl	C 463	7	2.3	1059	4	US-09-252-991A-5437	Sequence 5437, Ap
C 391	7	2.3	745	5	US-08-467-604-163	Sequence 163, Appl	C 464	7	2.3	1060	2	US-09-050-739-13	Sequence 13, Appl
C 392	7	2.3	745	5	PCT-US94-05083C-159	Sequence 159, Appl	C 465	7	2.3	1062	2	US-08-671-978A-1	Sequence 1, Appl
C 393	7	2.3	745	5	PCT-US95-06846A-163	Sequence 163, Appl	C 466	7	2.3	1068	4	US-09-298-886-9	Sequence 9, Appl
C 394	7	2.3	762	4	US-09-252-991A-16	Sequence 16, Appl	C 467	7	2.3	1068	4	US-09-999-672-9	Sequence 9, Appl
C 395	7	2.3	762	4	US-09-252-991A-5809	Sequence 5809, Ap	C 468	7	2.3	1077	4	US-09-252-991A-5839	Sequence 5839, Ap
C 396	7	2.3	768	4	US-09-700-820C-5	Sequence 5, Appl	C 469	7	2.3	1085	4	US-09-522-714-15	Sequence 15, Appl
C 397	7	2.3	777	2	US-08-169-948B-33	Sequence 33, Appl	C 470	7	2.3	1085	4	US-09-522-714-15	Sequence 15, Appl
C 398	7	2.3	777	2	US-08-448-873-33	Sequence 33, Appl	C 471	7	2.3	1089	4	US-09-543-681A-1973	Sequence 1973, Ap
C 399	7	2.3	777	3	US-08-382-452D-33	Sequence 33, Appl	C 472	7	2.3	1091	4	US-09-620-312B-157	Sequence 157, App
C 400	7	2.3	777	4	US-08-507-362A-17	Sequence 17, Appl	C 473	7	2.3	1097	4	US-09-620-312B-472	Sequence 472, App
C 401	7	2.3	777	4	US-09-916-494A-33	Sequence 33, Appl	C 474	7	2.3	1099	4	US-09-148-545-95	Sequence 95, Appl
C 402	7	2.3	778	2	US-08-781-560-2	Sequence 2, Appl	C 475	7	2.3	1101	4	US-09-700-820C-26	Sequence 26, Appl
C 403	7	2.3	778	4	US-09-016-434-283	Sequence 283, Appl	C 476	7	2.3	1102	4	US-09-522-714-3	Sequence 3, Appl
C 404	7	2.3	780	4	US-09-700-820C-23	Sequence 23, Appl	C 477	7	2.3	1110	4	US-09-107-532A-2100	Sequence 2100, Ap
C 405	7	2.3	789	4	US-09-328-353-1912	Sequence 1912, Ap	C 478	7	2.3	1126	3	US-08-949-155-5	Sequence 5, Appl
C 406	7	2.3	789	4	US-09-833-381-1742	Sequence 1742, Ap	C 479	7	2.3	1126	4	US-09-819-964-5	Sequence 5, Appl
C 407	7	2.3	791	2	US-07-635-196A-4	Sequence 4, Appl	C 480	7	2.3	1132	4	US-09-023-958A-1	Sequence 1, Appl
C 408	7	2.3	815	4	US-09-328-475C-118	Sequence 118, Appl	C 481	7	2.3	1143	4	US-09-700-820C-27	Sequence 27, Appl
C 409	7	2.3	816	4	US-09-252-991A-12439	Sequence 12439, A	C 482	7	2.3	1145	4	US-09-522-714-9	Sequence 9, Appl
C 410	7	2.3	822	3	US-08-646-265A-108	Sequence 108, Appl	C 483	7	2.3	1149	4	US-09-298-886-7	Sequence 7, Appl
C 411	7	2.3	822	4	US-09-252-991A-15264	Sequence 15264, A	C 484	7	2.3	1150	2	US-09-999-672-7	Sequence 7, Appl
C 412	7	2.3	835	2	US-08-557-309B-19	Sequence 19, Appl	C 485	7	2.3	1150	2	US-08-955-138-5	Sequence 5, Appl
C 413	7	2.3	835	3	US-08-834-306-19	Sequence 19, Appl	C 486	7	2.3	1173	4	US-09-489-039A-2586	Sequence 2586, Ap
C 414	7	2.3	835	3	US-08-993-674A-19	Sequence 19, Appl	C 487	7	2.3	1173	4	US-09-489-039A-2704	Sequence 2704, Ap
C 415	7	2.3	835	4	US-09-256-976-19	Sequence 19, Appl	C 488	7	2.3	1182	4	US-09-526-400-1	Sequence 1, Appl
C 416	7	2.3	851	3	US-08-998-416-527	Sequence 527, Appl	C 489	7	2.3	1184	2	US-08-715-202A-4	Sequence 4, Appl
C 417	7	2.3	852	4	US-09-252-991A-10276	Sequence 10276, A	C 490	7	2.3	1184	4	US-09-328-775-4	Sequence 4, Appl
C 418	7	2.3	858	4	US-09-252-991A-3425	Sequence 3425, Ap	C 491	7	2.3	1200	4	US-09-352-991A-5386	Sequence 5385, Ap
C 419	7	2.3	858	4	US-09-252-991A-12882	Sequence 12882, A	C 492	7	2.3	1200	4	US-09-328-352-3917	Sequence 3917, Ap
C 420	7	2.3	861	4	US-09-489-039A-474	Sequence 474, Appl	C 493	7	2.3	1207	4	US-09-023-655-131	Sequence 131, App
C 421	7	2.3	876	4	US-09-252-991A-7827	Sequence 7827, Ap	C 494	7	2.3	1209	3	US-09-276-531-14	Sequence 14, Appl
C 422	7	2.3	885	4	US-09-252-991A-5497	Sequence 5497, Ap	C 495	7	2.3	1217	4	US-09-023-655-518	Sequence 518, App
C 423	7	2.3	887	4	US-09-023-655-1254	Sequence 1254, Ap	C 496	7	2.3	1226	1	US-08-090-523-26	Sequence 26, Appl
C 424	7	2.3	891	4	US-09-252-991A-839	Sequence 839, Appl	C 497	7	2.3	1226	1	US-08-334-639-2	Sequence 2, Appl
C 425	7	2.3	894	2	US-08-808-550-41	Sequence 41, Appl	C 498	7	2.3	1226	1	US-08-398-627-26	Sequence 26, Appl
C 426	7	2.3	897	4	US-09-252-991A-12720	Sequence 12720, A	C 499	7	2.3	1226	1	US-08-399-023-26	Sequence 26, Appl
C 427	7	2.3	900	4	US-09-198-603C-1	Sequence 1, Appl	C 500	7	2.3	1241	1	US-08-471-033-39	Sequence 39, Appl
C 428	7	2.3	913	2	US-08-661-052-13	Sequence 13, Appl	C 501	7	2.3	1241	1	US-08-471-033-42	Sequence 42, Appl
C 429	7	2.3	913	3	US-09-188-082-13	Sequence 13, Appl	C 502	7	2.3	1241	1	US-08-471-043A-39	Sequence 39, Appl
C 430	7	2.3	913	4	US-09-364-088-13	Sequence 13, Appl	C 503	7	2.3	1241	2	US-08-471-044-42	Sequence 42, Appl
C 431	7	2.3	913	4	US-09-102-718-13	Sequence 13, Appl	C 504	7	2.3	1241	2	US-08-463-483A-39	Sequence 39, Appl
C 432	7	2.3	915	4	US-09-540-236-232	Sequence 232, Appl	C 505	7	2.3	1241	2	US-08-463-483A-42	Sequence 42, Appl
C 433	7	2.3	924	4	US-09-542-681A-3732	Sequence 3732, Ap	C 506	7	2.3	1241	2	US-08-471-046A-39	Sequence 39, Appl
C 434	7	2.3	936	4	US-09-252-991A-824	Sequence 824, Appl	C 507	7	2.3	1241	2	US-08-471-046A-42	Sequence 42, Appl
C 435	7	2.3	936	4	US-09-328-352-2539	Sequence 2539, Ap	C 508	7	2.3	1241	2	US-08-470-566B-39	Sequence 39, Appl
C 436	7	2.3	942	4	US-09-540-236-474	Sequence 474, Appl	C 509	7	2.3	1241	2	US-08-470-566B-42	Sequence 42, Appl
C 437	7	2.3	948	4	US-09-252-991A-3982	Sequence 3982, Ap	C 510	7	2.3	1241	2	US-08-469-334-39	Sequence 39, Appl
C 438	7	2.3	957	4	US-09-489-039A-3296	Sequence 3296, Ap	C 511	7	2.3	1241	2	US-08-469-334-42	Sequence 42, Appl
C 439	7	2.3	960	3	US-08-556-413-9	Sequence 9, Appl	C 512	7	2.3	1241	3	US-09-300-529-39	Sequence 39, Appl
C 440	7	2.3	960	4	US-09-526-400-3	Sequence 3, Appl	C 513	7	2.3	1241	3	US-09-300-529-42	Sequence 42, Appl
C 441	7	2.3	970	4	US-08-773-368-2	Sequence 2, Appl	C 514	7	2.3	1248	4	US-09-489-039A-2804	Sequence 2804, Ap
C 442	7	2.3	970	3	US-09-199-887-2	Sequence 2, Appl	C 515	7	2.3	1251	4	US-09-489-039A-5971	Sequence 5971, Ap
C 443	7	2.3	984	4	US-09-252-991A-16390	Sequence 16390, A	C 516	7	2.3	1251	3	US-09-117-257-11	Sequence 11, Appl
C 444	7	2.3	987	4	US-09-252-991A-3259	Sequence 3259, Ap	C 517	7	2.3	1253	3	US-08-945-476-11	Sequence 11, Appl
C 445	7	2.3	990	4	US-09-205-258-55	Sequence 55, Appl	C 518	7	2.3	1253	4	US-09-489-352-11	Sequence 11, Appl
C 446	7	2.3	993	2	US-08-525-864A-3	Sequence 3, Appl	C 519	7	2.3	1260	1	US-08-385-186-3	Sequence 3, Appl
C 447	7	2.3	993	4	US-09-252-991A-15411	Sequence 15411, A	C 520	7	2.3	1260	4	US-09-489-039A-3298	Sequence 3298, Ap
C 448	7	2.3	1001	4	US-09-641-638-320	Sequence 320, Appl	C 521	7	2.3	1266	4	US-09-252-991A-13606	Sequence 13606, A
C 449	7	2.3	1001	4	US-09-671-317-10	Sequence 10, Appl	C 522	7	2.3	1278	4	US-09-252-991A-3896	Sequence 3896, Ap
C 450	7	2.3	1011	4	US-08-811-481-27	Sequence 27, Appl	C 523	7	2.3	1284	4	US-09-252-991A-13377	Sequence 13377, A

C 524	7	2.3	1289	2	US-08-344-833-1	Sequence 1, Appli	597	7	2.3	1441	4	US-09-302-495-8	Sequence 8, Appli
525	7	2.3	1291	4	US-09-904-615-17	Sequence 17, Appli	598	7	2.3	1441	4	US-10-079-616-8	Sequence 8, Appli
C 526	7	2.3	1293	4	US-09-489-039A-6826	Sequence 6826, Ap	599	7	2.3	1450	2	US-09-008-962-2	Sequence 2, Appli
C 527	7	2.3	1294	2	US-08-665-647-4	Sequence 4, Appli	600	7	2.3	1450	2	US-08-675-507-2	Sequence 2, Appli
C 528	7	2.3	1298	4	US-08-855-323-1	Sequence 1, Appli	601	7	2.3	1450	3	US-09-213-205-2	Sequence 2, Appli
529	7	2.3	1299	4	US-09-853-381-1733	Sequence 1733, Ap	602	7	2.3	1450	4	US-10-222-032-1	Sequence 1, Appli
530	7	2.3	1305	3	US-09-012-072-3	Sequence 3, Appli	C 603	7	2.3	1452	4	US-09-252-991A-10581	Sequence 3, Appli
531	7	2.3	1305	3	US-09-120-601-3	Sequence 3, Appli	604	7	2.3	1454	1	US-08-220-958-3	Sequence 3, Appli
532	7	2.3	1316	2	US-08-684-687-3	Sequence 3, Appli	605	7	2.3	1467	4	US-09-252-991A-7745	Sequence 7745, Ap
533	7	2.3	1316	4	US-08-684-687-3	Sequence 3, Appli	606	7	2.3	1467	4	US-09-620-312D-662	Sequence 662, App
C 534	7	2.3	1321	4	US-09-851-520-3	Sequence 1, Appli	607	7	2.3	1470	4	US-09-252-991A-3389	Sequence 3389, Ap
C 535	7	2.3	1321	4	US-10-285-626-1	Sequence 1, Appli	608	7	2.3	1471	4	US-09-205-258-21	Sequence 21, Appl
C 536	7	2.3	1329	4	US-09-705-448-4	Sequence 4, Appli	609	7	2.3	1473	4	US-09-134-000C-2771	Sequence 2771, Ap
C 537	7	2.3	1329	4	US-09-252-991A-3367	Sequence 3367, Ap	C 610	7	2.3	1476	4	US-09-722-129-1	Sequence 1, Appli
C 538	7	2.3	1341	4	US-09-543-681A-1802	Sequence 1802, Ap	C 611	7	2.3	1482	4	US-09-540-236-949	Sequence 949, App
C 539	7	2.3	1344	4	US-09-252-991A-5239	Sequence 5239, Ap	C 612	7	2.3	1487	2	US-08-318-837-6	Sequence 6, Appli
540	7	2.3	1347	3	US-09-120-601-5	Sequence 5, Appli	613	7	2.3	1488	4	US-09-252-991A-7658	Sequence 7658, Ap
541	7	2.3	1349	4	US-09-023-655-1175	Sequence 1175, Ap	C 614	7	2.3	1493	3	US-09-376-781-24	Sequence 24, Appl
542	7	2.3	1350	4	US-09-252-991A-677	Sequence 677, App	615	7	2.3	1493	3	US-09-620-312D-366	Sequence 366, App
543	7	2.3	1353	3	US-08-974-691-1	Sequence 1, Appli	616	7	2.3	1499	3	US-09-300-672-3	Sequence 3, Appli
C 544	7	2.3	1355	3	US-08-415-655-14	Sequence 14, Appli	617	7	2.3	1500	3	US-09-300-672-1	Sequence 1, Appli
C 545	7	2.3	1358	1	US-08-471-033-45	Sequence 45, Appli	C 618	7	2.3	1506	2	US-08-206-790A-22	Sequence 22, Appl
C 546	7	2.3	1358	2	US-08-471-044-45	Sequence 45, Appli	C 619	7	2.3	1506	5	PCT-US95-02943-22	Sequence 22, Appl
C 547	7	2.3	1358	2	US-08-463-483A-45	Sequence 45, Appli	C 620	7	2.3	1511	4	US-09-612-402B-10	Sequence 10, Appl
C 548	7	2.3	1358	2	US-08-471-046A-45	Sequence 45, Appli	C 621	7	2.3	1512	4	US-09-252-991A-16206	Sequence 16206, A
C 549	7	2.3	1358	2	US-08-470-566B-45	Sequence 45, Appli	C 622	7	2.3	1515	4	US-09-252-991A-959	Sequence 959, App
C 550	7	2.3	1358	2	US-08-469-334-45	Sequence 45, Appli	C 623	7	2.3	1515	4	US-09-612-402B-22	Sequence 22, Appl
551	7	2.3	1358	3	US-09-300-529-45	Sequence 45, Appli	C 624	7	2.3	1516	4	US-09-149-476-188	Sequence 188, App
552	7	2.3	1360	2	US-08-704-931-1	Sequence 1, Appli	C 625	7	2.3	1517	3	US-09-180-783-1	Sequence 1, Appli
553	7	2.3	1362	4	US-09-252-991A-3258	Sequence 3258, Ap	C 626	7	2.3	1518	2	US-08-820-170A-20	Sequence 20, Appl
554	7	2.3	1362	4	US-09-489-039A-2259	Sequence 2259, Ap	C 627	7	2.3	1518	3	US-09-055-699-20	Sequence 20, Appl
555	7	2.3	1364	1	US-08-265-087-3	Sequence 3, Appli	C 628	7	2.3	1518	3	US-09-273-565-20	Sequence 20, Appl
556	7	2.3	1364	2	US-08-621-493-3	Sequence 3, Appli	C 629	7	2.3	1518	4	US-09-565-538-20	Sequence 20, Appl
557	7	2.3	1364	2	US-08-965-688-3	Sequence 3, Appli	C 630	7	2.3	1518	4	US-09-661-468-20	Sequence 20, Appl
C 558	7	2.3	1365	4	US-09-260-173-3	Sequence 3, Appli	C 631	7	2.3	1518	4	US-09-376-165-20	Sequence 20, Appl
559	7	2.3	1371	4	US-09-543-681A-3545	Sequence 3545, Ap	C 632	7	2.3	1518	4	US-09-489-039A-5091	Sequence 5091, Ap
C 560	7	2.3	1376	4	US-09-252-991A-15313	Sequence 15313, A	C 633	7	2.3	1527	4	US-08-722-570-12	Sequence 12, Appl
C 561	7	2.3	1376	1	US-08-443-184-44	Sequence 44, Appli	C 634	7	2.3	1527	4	US-08-932-411A-12	Sequence 12, Appl
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C 563	7	2.3	1377	4	US-09-252-991A-13756	Sequence 13756, A	C 636	7	2.3	1535	4	US-09-252-991A-14667	Sequence 14667, A
C 564	7	2.3	1381	4	US-09-695-458-21	Sequence 21, Appli	C 637	7	2.3	1539	4	US-09-507-765-28	Sequence 28, Appl
C 565	7	2.3	1381	4	US-09-205-258-225	Sequence 225, App	C 638	7	2.3	1539	4	US-09-507-765-28	Sequence 28, Appl
C 566	7	2.3	1389	1	US-08-471-033-27	Sequence 27, Appli	C 639	7	2.3	1551	4	US-09-700-820C-30	Sequence 30, Appl
C 567	7	2.3	1389	2	US-08-471-044-27	Sequence 27, Appli	C 640	7	2.3	1551	4	US-09-700-820C-30	Sequence 30, Appl
C 568	7	2.3	1389	2	US-08-463-483A-27	Sequence 27, Appli	C 641	7	2.3	1561	4	US-09-636-952-18	Sequence 18, Appl
C 569	7	2.3	1389	2	US-08-471-046A-27	Sequence 27, Appli	C 642	7	2.3	1566	4	US-10-037-927B-11	Sequence 11, Appl
C 570	7	2.3	1389	2	US-08-470-566B-27	Sequence 27, Appli	C 643	7	2.3	1576	5	PCT-US95-11405-34	Sequence 34, Appl
C 571	7	2.3	1389	2	US-08-463-334-27	Sequence 27, Appli	C 644	7	2.3	1591	4	US-09-656-952-17	Sequence 17, Appl
C 572	7	2.3	1389	3	US-09-300-529-27	Sequence 27, Appli	C 645	7	2.3	1592	4	US-08-856-952-1	Sequence 1, Appli
C 573	7	2.3	1390	4	US-09-489-039A-2538	Sequence 2538, Ap	C 646	7	2.3	1608	1	US-08-815-688A-2	Sequence 2, Appli
574	7	2.3	1394	3	US-09-147-836B-1	Sequence 124, App	C 647	7	2.3	1618	3	US-08-308-814-1	Sequence 1, Appli
575	7	2.3	1395	4	US-09-924-703-5	Sequence 5, Appli	C 648	7	2.3	1618	1	US-08-410-540-1	Sequence 5, Appli
576	7	2.3	1398	4	US-09-016-434-1290	Sequence 1290, Ap	C 649	7	2.3	1619	4	US-09-388-413B-5	Sequence 18, Appl
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C 578	7	2.3	1398	4	US-09-736-457-322	Sequence 322, App	C 651	7	2.3	1626	4	US-08-023-655-515	Sequence 515, App
C 579	7	2.3	1398	4	US-09-252-991A-13062	Sequence 13062, A	C 652	7	2.3	1627	4	US-09-072-384-1	Sequence 4, Appli
580	7	2.3	1398	4	US-09-614-124B-322	Sequence 322, App	C 653	7	2.3	1634	3	US-09-484-970B-20	Sequence 20, Appl
581	7	2.3	1398	4	US-09-671-325-322	Sequence 322, App	C 654	7	2.3	1638	4	US-09-307-794A-260	Sequence 260, App
582	7	2.3	1398	4	US-09-589-184-322	Sequence 322, App	C 655	7	2.3	1638	4	US-09-305-125A-260	Sequence 260, App
C 583	7	2.3	1399	1	US-08-471-033-24	Sequence 24, Appli	C 656	7	2.3	1638	4	US-09-902-775A-260	Sequence 260, App
C 584	7	2.3	1399	2	US-08-471-044-24	Sequence 24, Appli	C 657	7	2.3	1638	4	US-08-659-254-19	Sequence 19, Appl
C 585	7	2.3	1399	2	US-08-463-483A-24	Sequence 24, Appli	C 658	7	2.3	1641	3	US-08-374-691-5	Sequence 5, Appli
C 586	7	2.3	1399	2	US-08-471-046A-24	Sequence 24, Appli	C 659	7	2.3	1651	3	US-09-345-469-2	Sequence 2, Appli
C 587	7	2.3	1399	2	US-08-470-566B-24	Sequence 24, Appli	C 660	7	2.3	1653	4	US-09-072-384-14	Sequence 14, Appl
C 588	7	2.3	1399	2	US-08-469-334-24	Sequence 24, Appli	C 661	7	2.3	1656	3	US-09-461-325-129	Sequence 129, App
C 589	7	2.3	1399	3	US-09-300-529-24	Sequence 24, Appli	C 662	7	2.3	1660	4	US-10-012-542-129	Sequence 129, App
590	7	2.3	1400	1	US-08-085-122-12	Sequence 12, Appli	C 663	7	2.3	1662	4	US-09-700-820C-21	Sequence 21, Appl
591	7	2.3	1400	3	US-08-442-108B-22	Sequence 22, Appli	C 664	7	2.3	1674	4	US-09-543-681A-2434	Sequence 2434, Ap
C 592	7	2.3	1431	4	US-09-252-991A-16391	Sequence 16391, A	C 665	7	2.3	1679	2	US-08-661-052-15	Sequence 15, Appl
C 593	7	2.3	1433	2	US-08-666-392A-1	Sequence 1, Appli	C 666	7	2.3	1679	3	US-09-072-384-17	Sequence 17, Appl
594	7	2.3	1433	3	US-09-199-926-1	Sequence 1, Appli	C 667	7	2.3	1679	3	US-09-188-082-15	Sequence 15, Appl
595	7	2.3	1440	4	US-09-252-991A-14965	Sequence 14965, A	C 668	7	2.3	1679	4	US-09-364-088-15	Sequence 15, Appl
596	7	2.3	1441	4	US-09-011-143-8	Sequence 8, Appli	C 669	7	2.3	1679	4	US-09-102-716-15	Sequence 15, Appl

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c 671	7	2.3	1685	6	5340934-1	Patent No. 5340934	744	7	2.3	1977	4	US-09-252-991A-3924	Sequence 1924, Ap
672	7	2.3	1690	3	US-09-071-224-1	Sequence 1, Appli	c 745	7	2.3	2000	3	US-09-376-781-25	Sequence 25, Appl
673	7	2.3	1692	4	US-09-600-991-3	Sequence 3, Appli	746	7	2.3	2000	3	US-09-376-781-30	Sequence 30, Appl
c 674	7	2.3	1694	3	US-09-362-473-3	Sequence 3, Appli	c 747	7	2.3	2003	1	US-08-036-5559-21	Sequence 21, Appl
c 675	7	2.3	1696	4	US-09-835-811-1	Sequence 1, Appli	748	7	2.3	2003	1	US-08-469-569-21	Sequence 21, Appl
676	7	2.3	1703	4	US-09-851-520-10	Sequence 10, Appl	749	7	2.3	2003	1	US-08-249-322A-21	Sequence 21, Appl
677	7	2.3	1707	4	US-09-252-991A-1122	Sequence 1122, Ap	750	7	2.3	2003	1	US-08-469-526A-21	Sequence 21, Appl
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679	7	2.3	1709	4	US-09-600-991-21	Sequence 21, Appl	752	7	2.3	2003	2	US-08-469-660-21	Sequence 21, Appl
c 680	7	2.3	1711	4	US-09-620-312D-159	Sequence 159, App	753	7	2.3	2003	3	US-08-341-018-71	Sequence 71, Appl
c 681	7	2.3	1713	4	US-09-741-154-1	Sequence 1, Appli	754	7	2.3	2003	3	US-08-470-335-21	Sequence 21, Appl
c 682	7	2.3	1723	4	US-09-461-325-98	Sequence 98, Appl	755	7	2.3	2003	3	US-08-735-021-21	Sequence 21, Appl
c 683	7	2.3	1723	4	US-10-012-542-98	Sequence 98, Appl	756	7	2.3	2003	3	US-08-734-664A-21	Sequence 21, Appl
c 684	7	2.3	1743	4	US-09-252-991A-5465	Sequence 5465, Ap	757	7	2.3	2003	3	US-08-470-339-21	Sequence 21, Appl
c 685	7	2.3	1747	1	US-08-176-620A-1	Sequence 1, Appli	758	7	2.3	2003	4	US-08-467-602-21	Sequence 21, Appl
686	7	2.3	1747	1	US-08-463-862-1	Sequence 1, Appli	759	7	2.3	2003	5	PCT-US94-05083C-21	Sequence 21, Appl
c 687	7	2.3	1747	2	US-08-461-985-1	Sequence 1, Appli	760	7	2.3	2003	5	PCT-US95-06846A-21	Sequence 21, Appl
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c 689	7	2.3	1747	3	US-08-932-787B-1	Sequence 1, Appli	c 762	7	2.3	2007	4	US-09-252-991A-5770	Sequence 5770, Ap
c 690	7	2.3	1747	3	US-08-932-012C-1	Sequence 1, Appli	763	7	2.3	2010	4	US-09-252-991A-15223	Sequence 15223, A
c 691	7	2.3	1747	3	US-08-988-818C-1	Sequence 1, Appli	c 764	7	2.3	2017	4	US-09-404-879A-72	Sequence 72, Appl
c 692	7	2.3	1748	3	US-09-100-730-1	Sequence 1, Appli	c 765	7	2.3	2017	4	US-09-338-933-72	Sequence 72, Appl
c 693	7	2.3	1751	4	US-09-855-323-11	Sequence 11, Appl	c 766	7	2.3	2017	4	US-09-215-681-72	Sequence 72, Appl
c 694	7	2.3	1757	4	US-08-216-592A-3	Sequence 3, Appli	c 767	7	2.3	2017	4	US-09-216-003A-72	Sequence 72, Appl
c 695	7	2.3	1767	4	US-09-252-991A-14785	Sequence 14785, A	768	7	2.3	2019	3	US-09-063-950-3	Sequence 3, Appli
c 696	7	2.3	1776	4	US-09-252-991A-4380	Sequence 4380, Ap	c 769	7	2.3	2022	4	US-09-023-655-416	Sequence 416, App
c 697	7	2.3	1790	4	US-09-866-028-31	Sequence 31, Appl	770	7	2.3	2029	4	US-09-232-160-13	Sequence 13, Appl
c 698	7	2.3	1794	4	US-09-252-991A-5181	Sequence 5181, Ap	771	7	2.3	2036	3	US-08-923-454A-17	Sequence 17, Appl
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700	7	2.3	1809	5	PCT-US95-11869-1	Sequence 1, Appli	773	7	2.3	2037	1	US-08-461-666-4	Sequence 4, Appli
701	7	2.3	1825	4	US-09-907-794A-1	Sequence 1, Appli	774	7	2.3	2037	1	US-08-461-184-4	Sequence 4, Appli
702	7	2.3	1825	4	US-09-905-125A-1	Sequence 1, Appli	775	7	2.3	2037	1	US-08-463-675-4	Sequence 4, Appli
c 703	7	2.3	1825	4	US-09-902-775A-1	Sequence 1, Appli	776	7	2.3	2037	1	US-08-757-300-4	Sequence 4, Appli
c 704	7	2.3	1831	6	5215881-1	Patent No. 5215881	777	7	2.3	2037	1	US-08-464-589-4	Sequence 4, Appli
c 705	7	2.3	1831	6	5215881-3	Patent No. 5215881	778	7	2.3	2041	4	US-09-149-476-131	Sequence 131, App
706	7	2.3	1839	1	US-08-272-875-1	Sequence 1, Appli	c 779	7	2.3	2050	4	US-09-026-001A-5	Sequence 5, Appli
707	7	2.3	1839	2	US-08-372-875-2	Sequence 2, Appli	780	7	2.3	2070	4	US-09-252-991A-15219	Sequence 15219, A
708	7	2.3	1851	2	US-08-414-657D-20	Sequence 20, Appl	781	7	2.3	2070	4	US-09-620-312D-958	Sequence 958, App
709	7	2.3	1851	4	US-09-135-080-5	Sequence 5, Appli	782	7	2.3	2072	4	US-09-833-381-1791	Sequence 1791, Ap
c 710	7	2.3	1854	4	US-09-252-991A-5747	Sequence 5747, Ap	783	7	2.3	2085	4	US-09-252-991A-5708	Sequence 5708, Ap
c 711	7	2.3	1854	4	US-09-252-991A-5747	Sequence 5747, Ap	784	7	2.3	2085	4	US-09-252-991A-5708	Sequence 5708, Ap
c 712	7	2.3	1866	3	US-08-909-742-1	Sequence 1, Appli	c 785	7	2.3	2091	4	US-09-252-991A-4016	Sequence 4016, Ap
c 713	7	2.3	1866	3	US-08-909-742-1	Sequence 1, Appli	c 786	7	2.3	2097	4	US-09-461-657B-14	Sequence 14, Appl
c 714	7	2.3	1866	3	US-09-412-289-1	Sequence 1, Appli	c 787	7	2.3	2103	4	US-09-543-681A-2730	Sequence 2730, Ap
c 715	7	2.3	1866	3	US-09-412-289-1	Sequence 1, Appli	c 788	7	2.3	2121	4	US-09-489-039A-5009	Sequence 5009, Ap
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717	7	2.3	1875	4	US-09-907-794A-284	Sequence 284, App	790	7	2.3	2136	4	US-09-252-991A-13089	Sequence 13089, A
718	7	2.3	1875	4	US-09-905-125A-284	Sequence 284, App	791	7	2.3	2136	4	US-09-600-991-19	Sequence 19, Appl
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c 721	7	2.3	1878	4	US-09-620-312D-263	Sequence 263, App	794	7	2.3	2166	3	US-09-232-200-101	Sequence 101, App
c 722	7	2.3	1878	4	US-09-700-820C-34	Sequence 34, Appl	795	7	2.3	2166	4	US-09-232-197-101	Sequence 101, App
c 723	7	2.3	1883	3	US-08-991-677-3	Sequence 3, Appli	796	7	2.3	2166	4	US-09-232-201-101	Sequence 101, App
724	7	2.3	1883	4	US-08-622-191-4	Sequence 4, Appli	c 797	7	2.3	2166	4	US-09-232-195-101	Sequence 101, App
c 725	7	2.3	1883	4	US-08-622-191-4	Sequence 4, Appli	c 798	7	2.3	2178	4	US-09-252-991A-4641	Sequence 4641, Ap
c 726	7	2.3	1885	4	US-09-360-545-77	Sequence 1008, Ap	c 799	7	2.3	2188	4	US-09-976-594-698	Sequence 598, App
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c 729	7	2.3	1909	4	US-09-461-657B-16	Sequence 16, Appl	c 802	7	2.3	2200	2	US-08-819-825-1	Sequence 1, Appli
c 730	7	2.3	1920	4	US-09-160-496-4	Sequence 4, Appli	c 803	7	2.3	2200	3	US-09-163-642-1	Sequence 1, Appli
731	7	2.3	1920	4	US-09-700-820C-39	Sequence 39, Appl	804	7	2.3	2205	3	US-08-888-077A-41	Sequence 41, Appl
c 732	7	2.3	1926	4	US-09-249-585A-2	Sequence 2, Appli	c 805	7	2.3	2208	4	US-09-620-312D-502	Sequence 502, App
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c 737	7	2.3	1931	2	US-09-130-114-2	Sequence 2, Appli	810	7	2.3	2247	4	US-09-023-655-1410	Sequence 1410, Ap
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c 741	7	2.3	1947	2	US-08-989-925-2	Sequence 2, Appli	814	7	2.3	2260	1	US-08-001-711-3	Sequence 3, Appli
c 742	7	2.3	1951	4	US-09-205-258-27	Sequence 27, Appli	c 815	7	2.3	2282	4	US-09-389-956-5	Sequence 5, Appli

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C 825	7	2.3	2322	4	US-09-841-786-13	Sequence 13, Appl	C 898	7	2.3	2962	4	US-09-688-188B-106	Sequence 106, Appl
C 826	7	2.3	2323	2	US-07-863-588B-3	Sequence 3, Appl	C 899	7	2.3	2962	4	US-09-291-417D-106	Sequence 106, Appl
C 827	7	2.3	2355	4	US-09-543-681A-3270	Sequence 3270, Appl	C 900	7	2.3	2987	3	US-07-757-342D-1	Sequence 1, Appl
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832	7	2.3	2372	4	US-09-905-125A-200	Sequence 200, Appl	C 905	7	2.3	3001	4	US-09-539-333D-229	Sequence 229, Appl
833	7	2.3	2372	4	US-09-902-775A-200	Sequence 200, Appl	C 906	7	2.3	3010	4	US-09-199-637A-168	Sequence 168, Appl
834	7	2.3	2392	4	US-09-220-132-7	Sequence 7, Appl	C 907	7	2.3	3021	4	US-09-556-877-182	Sequence 182, Appl
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C 841	7	2.3	2439	3	US-09-233-989-1	Sequence 1, Appl	C 914	7	2.3	3117	4	US-09-845-583A-3	Sequence 3, Appl
C 842	7	2.3	2443	1	US-08-452-262-1	Sequence 1, Appl	C 915	7	2.3	3141	4	US-09-252-991A-3348	Sequence 3348, Appl
C 843	7	2.3	2443	1	US-08-734-550-1	Sequence 1, Appl	C 916	7	2.3	3150	3	US-08-630-820-5	Sequence 5, Appl
C 844	7	2.3	2443	5	PCT-US96-07528-1	Sequence 1, Appl	C 917	7	2.3	3169	4	US-09-273-453-5	Sequence 5, Appl
C 845	7	2.3	2458	3	US-08-611-587-6	Sequence 6, Appl	C 918	7	2.3	3172	4	US-09-169-768-19	Sequence 19, Appl
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C 848	7	2.3	2508	4	US-09-758-282B-48	Sequence 48, Appl	C 921	7	2.3	3211	2	US-08-574-959A-8	Sequence 8, Appl
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853	7	2.3	2555	4	US-09-868-028-68	Sequence 68, Appl	C 926	7	2.3	3223	3	US-08-978-773-3	Sequence 3, Appl
C 854	7	2.3	2559	4	US-09-220-132-135	Sequence 135, Appl	C 927	7	2.3	3223	3	US-09-022-253-9	Sequence 9, Appl
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C 858	7	2.3	2582	2	US-08-816-105A-2	Sequence 2, Appl	C 931	7	2.3	3252	4	US-09-328-352-1367	Sequence 1367, Appl
C 859	7	2.3	2591	4	US-09-023-655-1000	Sequence 1000, Appl	C 932	7	2.3	3255	4	US-09-016-434-1471	Sequence 1471, Appl
C 860	7	2.3	2616	4	US-09-252-991A-12851	Sequence 12851, A	C 933	7	2.3	3287	4	US-08-811-481-15	Sequence 15, Appl
C 861	7	2.3	2621	4	US-08-817-441-63	Sequence 63, Appl	C 934	7	2.3	3287	4	US-09-876-527-15	Sequence 15, Appl
C 862	7	2.3	2631	4	US-09-023-655-1083	Sequence 1083, Appl	C 935	7	2.3	3291	5	PCT-US96-03940-10	Sequence 10, Appl
C 863	7	2.3	2636	2	US-08-820-170A-21	Sequence 21, Appl	C 936	7	2.3	3304	4	US-09-519-172-63	Sequence 63, Appl
C 864	7	2.3	2636	3	US-09-055-699-21	Sequence 21, Appl	C 937	7	2.3	3304	4	US-09-612-402B-24	Sequence 24, Appl
C 865	7	2.3	2636	3	US-09-273-565-21	Sequence 21, Appl	C 938	7	2.3	3324	4	US-08-864-038A-2	Sequence 2, Appl
C 866	7	2.3	2636	3	US-09-370-807-5	Sequence 5, Appl	C 939	7	2.3	3331	3	US-08-864-038A-4	Sequence 4, Appl
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C 869	7	2.3	2636	4	US-09-921-259-5	Sequence 5, Appl	C 942	7	2.3	3337	3	US-09-092-458-1	Sequence 1, Appl
C 870	7	2.3	2636	4	US-09-976-165-21	Sequence 21, Appl	C 943	7	2.3	3339	4	US-09-252-991A-10685	Sequence 10685, A
C 871	7	2.3	2639	4	US-09-907-794A-68	Sequence 68, Appl	C 944	7	2.3	3339	4	US-09-503-890-1	Sequence 1, Appl
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C 875	7	2.3	2653	3	US-09-221-938-1	Sequence 1, Appl	C 948	7	2.3	3378	1	US-08-261-822A-5	Sequence 5, Appl
C 876	7	2.3	2653	3	US-08-945-476-7	Sequence 7, Appl	C 949	7	2.3	3387	5	PCT-US95-07744A-5	Sequence 5, Appl
C 877	7	2.3	2655	4	US-09-252-991A-10136	Sequence 7, Appl	C 950	7	2.3	3387	5	US-08-525-864A-1	Sequence 1, Appl
C 878	7	2.3	2656	3	US-09-117-257-7	Sequence 7, Appl	C 951	7	2.3	3441	4	US-08-965-729A-1	Sequence 1, Appl
C 879	7	2.3	2656	4	US-09-489-352-7	Sequence 7, Appl	C 952	7	2.3	3441	4	US-09-976-594-126	Sequence 126, Appl
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C 884	7	2.3	2760	4	US-09-486-192-1	Sequence 1, Appl	C 957	7	2.3	3608	4	US-09-016-434-1408	Sequence 1408, Appl
C 885	7	2.3	2778	4	US-09-252-991A-10486	Sequence 10486, A	C 958	7	2.3	3611	4	US-09-976-594-1109	Sequence 1109, Appl
C 886	7	2.3	2790	3	US-08-895-601-2	Sequence 2, Appl	C 959	7	2.3	3635	1	US-08-252-626A-1	Sequence 1, Appl
C 887	7	2.3	2795	4	US-09-688-188B-25	Sequence 25, Appl	C 960	7	2.3	3650	2	US-08-859-106A-1	Sequence 1, Appl
C 888	7	2.3	2795	4	US-09-291-417D-25	Sequence 25, Appl	C 961	7	2.3	3650	2	US-08-859-106A-1	Sequence 1, Appl

; OTHER INFORMATION: intron 11:exon 12
US-10-027-983-11

Alignment Scores: 7.57e+03 Length: 392000
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Percent Similarity: 100.00% Mismatches: 0
Best Local Similarity: 100.00% Indels: 0
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US-10-047-021-86 (1-303) x US-10-027-983-11 (1-392000)

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Db 250555 TCCCTTCCTTGGCTCTTCTTAATG 250581

RESULT 2

US-09-016-434-278/c
; Sequence 278, Application US/09016434
; Patent No. 6500398
; GENERAL INFORMATION:
; APPLICANT: Janice Au-Young
; APPLICANT: Jeffrey J. Seilhamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF SIGNALING
; TITLE OF INVENTION: PATHWAY GENE EXPRESSION
; NUMBER OF SEQUENCES: 1490
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/016,434
FILING DATE: HEREWITH
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Zeller, Karen J.
REGISTRATION NUMBER: 37,071
REFERENCE/DOCKET NUMBER: PA-0002 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 855-0555
TELEFAX: (650) 845-4166
INFORMATION FOR SEQ ID NO: 278:
SEQUENCE CHARACTERISTICS:
LENGTH: 280 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: UCMCNOT2
CLONE: 1714778

Alignment Scores: 63.7 Length: 280
Pred. No.: 8.00 Matches: 8
Score: 100.00% Conservative: 0
Percent Similarity: 100.00% Mismatches: 0
Best Local Similarity: 100.00% Indels: 0
Query Match: 2.64% Gaps: 0
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US-10-047-021-86 (1-303) x US-09-016-434-278 (1-280)

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RESULT 3

US-09-173-151A-S/c
; Sequence 5, Application US/09173151A
; Patent No. 6326472
; GENERAL INFORMATION:
; APPLICANT: Timans, Jacqueline C.
; APPLICANT: Debets, Johannes Eduard Maria
; APPLICANT: Antonius
; APPLICANT: Sana, Theodore R.
; APPLICANT: Bazan, J. Fernando
; APPLICANT: Kastelein, Robert A.
; TITLE OF INVENTION: Human Receptor Proteins; Related Reagents and Methods
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DNAX Research Institute
; STREET: 901 California Avenue
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1104
; COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/173,151A
FILING DATE: 14-OCT-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/065,776
FILING DATE: 17-NOV-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/078,008
FILING DATE: 12-MAR-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/081,883
FILING DATE: 15-APR-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/095,987
FILING DATE: 10-AUG-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/078,416
FILING DATE: 18-MAR-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/062,066
FILING DATE: 15-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Ching, Edwin P.
REGISTRATION NUMBER: 34,090
REFERENCE/DOCKET NUMBER: DX0767X
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 852-9196
TELEFAX: (650) 496-1200
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 482 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 1..480
FEATURE:
NAME/KEY: misc_feature
LOCATION: 9


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; OTHER INFORMATION: /note= "residues 9, 459, 462, 469,  
; OTHER INFORMATION: and 474 each may be A, C, G, or T; translated as C"  
; FEATURE:  
; NAME/KEY: misc_feature  
; LOCATION: 246  
; OTHER INFORMATION: /note= "residue 246 may be C or G;  
; OTHER INFORMATION: translated as C"  
; FEATURE:  
; NAME/KEY: misc_feature  
; LOCATION: 321  
; OTHER INFORMATION: /note= "residues 321, 335, 360, and  
; OTHER INFORMATION: 423 each may be C or T; translated as C"  
; FEATURE:  
; NAME/KEY: misc_feature  
; LOCATION: 426  
; OTHER INFORMATION: /note= "residue 426 may be A or C;  
; OTHER INFORMATION: translated as C"  
; US-09-173-151A-5  
Alignment Scores:  
Pred. No.: 107 Length: 482  
Score: 8.00 Matches: 8  
Percent Similarity: 100.00%  
Best Local Similarity: 100.00%  
Query Match: 2.64%  
Indels: 0  
Gaps: 0  
DB: 4  
US-10-047-021-86 (1-303) x US-09-173-151A-5 (1-482)  
Qy 16 ProLeuLeuLeuLeuLeuMet 23  
Db 98 CCTCTTCTGCTTCTCTTAATAATG 75  
RESULT 4  
US-09-621-976-264  
; Sequence 264, Application US/09621976  
; Patent No. 6639063  
; GENERAL INFORMATION:  
; APPLICANT: Dumas Milne Edwards, J.B.  
; APPLICANT: Jobert, S.  
; APPLICANT: Giordano, J.Y.  
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.  
; FILE REFERENCE: GENSET.054PR2  
; CURRENT APPLICATION NUMBER: US/09/621,976  
; CURRENT FILING DATE: 2000-07-21  
; NUMBER OF SEQ ID NOS: 19335  
; SOFTWARE: Patent.pm  
; SEQ ID NO 264  
; LENGTH: 571  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 217..570  
; NAME/KEY: sig_peptide  
; LOCATION: 217..276  
; OTHER INFORMATION: Von Heijne matrix  
; OTHER INFORMATION: score 4.30000019073486  
; OTHER INFORMATION: seq GCLLFPVHQVGG/HS  
US-09-621-976-264  
Alignment Scores:  
Pred. No.: 126 Length: 571  
Score: 8.00 Matches: 8  
Percent Similarity: 100.00%  
Best Local Similarity: 100.00%  
Query Match: 2.64%  
Indels: 0  
Gaps: 4  
US-10-047-021-86 (1-303) x US-09-621-976-264 (1-571)  
Qy 14 SerLeuProLeuLeuLeuLeu 21
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Db 508 TCCTCCTCTCTCTCTCTCTCTCTCTC 531  
RESULT 5  
US-08-837-029-1  
; Sequence 1, Application US/08837029  
; Patent No. 5945303  
; GENERAL INFORMATION:  
; APPLICANT: Wei et al.  
; TITLE OF INVENTION: Human Hematopoietic - Specific Protein  
; NUMBER OF SEQUENCES: 8  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Human Genome Sciences, Inc.  
; STREET: 9410 Key West Avenue  
; CITY: Rockville  
; STATE: MD  
; COUNTRY: US  
; ZIP: 20850  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA: US/08/837,029  
; APPLICATION NUMBER: US/08/837,029  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: WO PCT/US96/04930  
; FILING DATE: 11-APR-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Brookes, A. Anders  
; REGISTRATION NUMBER: 36,373  
; REFERENCE/DOCKET NUMBER: PF268  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 301-309-8504  
; TELEFAX: 301-309-8439  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 833 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 42..608  
; FEATURE:  
; NAME/KEY: sig_peptide  
; LOCATION: 42..107  
; FEATURE:  
; NAME/KEY: mat_peptide  
; LOCATION: 108..608  
US-08-837-029-1  
Alignment Scores:  
Pred. No.: 181 Length: 833  
Score: 8.00 Matches: 8  
Percent Similarity: 100.00%  
Best Local Similarity: 100.00%  
Query Match: 2.64%  
Indels: 0  
Gaps: 2  
US-10-047-021-86 (1-303) x US-08-837-029-1 (1-833)  
Qy 14 SerLeuProLeuLeuLeuLeu 21  
Db 51 TCACTGCCACTGCTGCTGCTG 74  
RESULT 6  
5164485-1  
; Patent No. 5164485  
; APPLICANT: FUJISAWA, YUKIO; ITOH, YASUAKI; NISHIMURA, OSAMU
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; TITLE OF INVENTION: MODIFIED HEPATITIS B VIRUS SURFACE
; ANTIGEN P31 AND PRODUCTION THEREOF
; NUMBER OF SEQUENCES: 22
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/547,948
; FILING DATE: 03-JUL-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 998,425
; FILING DATE: 20-AUG-1986
; SEQ ID NO:1:
; LENGTH: 846
; 5164485-1
Alignment Scores:
Pred. No.: 184 Length: 846
Score: 8.00 Matches: 8
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 2.64% Indels: 0
Gaps: 0
DB:
US-10-047-021-86 (1-303) x 5164485-1 (1-846)
Qy 92 GlnProProAlaArgGlyHisAla 99
Db 506 CAACACCACGACGCGGGCCATGCA 529
RESULT 7
US-09-615-192A-201
; Sequence 201, Application US/09615192A
; Patent No. 6410718
; GENERAL INFORMATION:
; APPLICANT: Bloksberg, Leonard N.
; TITLE OF INVENTION: Materials and Methods for the
; FILE REFERENCE: 11000.1003C4U
; CURRENT APPLICATION NUMBER: US/09/615,192A
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 08/975,316
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: US 08/713,000
; PRIOR FILING DATE: 1996-09-11
; PRIOR APPLICATION NUMBER: US 09/169,789
; PRIOR FILING DATE: 1998-10-09
; NUMBER OF SEQ ID NOS: 405
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 201
; LENGTH: 993
; TYPE: DNA
; ORGANISM: Eucalyptus grandis
US-09-615-192A-201
Alignment Scores:
Pred. No.: 214 Length: 993
Score: 8.00 Matches: 8
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 2.64% Indels: 0
Gaps: 0
DB:
US-10-047-021-86 (1-303) x US-09-615-192A-201 (1-993)
Qy 14 SerLeuProLeuLeuLeuLeu 21
Db 53 TCCTTCCTCTCTCTCTCTCTCTCTCTC 76
RESULT 8
US-09-976-594-522
; Sequence 522, Application US/09976594
; Patent No. 6673549
; GENERAL INFORMATION:
; APPLICANT: Furness, Michael

; APPLICANT: Buchbinder, Jenny
; TITLE OF INVENTION: GENES EXPRESSED IN C3A LIVER CELL CULTURES TREATED WITH STEROIDS
; FILE REFERENCE: PA-0041 US
; CURRENT APPLICATION NUMBER: US/09/976,594
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 60/240,409
; PRIOR FILING DATE: 2000-10-12
; NUMBER OF SEQ ID NOS: 1143
; SOFTWARE: PERL Program
; SEQ ID NO 522
; LENGTH: 1081
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. 6673549 335999.1
US-09-976-594-522
Alignment Scores:
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Score: 8.00 Matches: 8
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 2.64% Indels: 0
Gaps: 0
DB:
US-10-047-021-86 (1-303) x US-09-976-594-522 (1-1081)
Qy 14 SerLeuProLeuLeuLeuLeu 21
Db 270 TCCTTACCACCTACTACTACTACTA 293
RESULT 9
US-10-133-907-3
; Sequence 3, Application US/10133907
; Patent No. 6677369
; GENERAL INFORMATION:
; APPLICANT: Chien, Kenneth R
; TITLE OF INVENTION: Hoshijima, Masahiko
; TITLE OF INVENTION: Method to treat hemophilia by hepatic gene transfer of Factor VII
; FILE REFERENCE: 6627-Pa1170
; CURRENT APPLICATION NUMBER: US/10/133,907
; PRIOR FILING DATE: 2002-04-25
; PRIOR APPLICATION NUMBER: 60/286,314
; PRIOR FILING DATE: 2001-04-25
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 1286
; TYPE: DNA
; ORGANISM: Hepatitis B virus
US-10-133-907-3
Alignment Scores:
Pred. No.: 275 Length: 1286
Score: 8.00 Matches: 8
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 2.64% Indels: 0
Gaps: 0
DB:
US-10-047-021-86 (1-303) x US-10-133-907-3 (1-1286)
Qy 92 GlnProProAlaArgGlyHisAla 99
Db 930 CAACACCACGACGCGGGCCATGCA 953
RESULT 10
US-09-533-029-99
; Sequence 99, Application US/09533029
; Patent No. 6664446
; GENERAL INFORMATION:

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; APPLICANT: Heard, Jacqueline
; APPLICANT: Broun, Pierre
; APPLICANT: Riechmann, Jose-Luis
; APPLICANT: Keddie, James
; APPLICANT: Pineda, Onaira
; APPLICANT: Adam, Luc
; APPLICANT: Samaha, Raymond
; APPLICANT: Zhang, James
; APPLICANT: Yu, Guo-Liang
; APPLICANT: Ratcliffe, Oliver
; APPLICANT: Pilgrim, Marsha
; APPLICANT: Jiang, Cai-Zhong
; APPLICANT: Reuber, Lynne
; TITLE OF INVENTION: DISEASE-INDUCED POLYNUCLEOTIDES
; FILE REFERENCE: MB1-010
; CURRENT APPLICATION NUMBER: US/09/533,029
; CURRENT FILING DATE: 2000-03-22
; EARLIER APPLICATION NUMBER: 60/125,814
; EARLIER FILING DATE: 1999-03-23
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 99
; LENGTH: 1339
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
; FEATURE:
; OTHER INFORMATION: G515
US-09-533-029-99

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Alignment Scores:
Pred. No.: 285 Length: 1339
Score: 8.00 Matches: 8
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 2.64% Indels: 0
DB: 4 Gaps: 0

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US-10-047-021-86 (1-303) x US-09-533-029-99 (1-1339)

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Qy 14 SerLeuProLeuLeuLeuLeu 21
Db 611 AGCTTCCTCTCTCTCTCTCT 634

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RESULT 11
US-09-668-097A-13/c
; Sequence 13, Application US/09668097A
; Patent No. 6673988
; GENERAL INFORMATION:
; APPLICANT: Cahoon, Edgar B.
; APPLICANT: Cahoon, Rebecca E.
; APPLICANT: Klein, Ted
; APPLICANT: Shen, Jennie
; TITLE OF INVENTION: Plant Lipases
; FILE REFERENCE: B1401 US NA
; CURRENT APPLICATION NUMBER: US/09/668,097A
; CURRENT FILING DATE: 2000-09-22
; PRIOR APPLICATION NUMBER: 60/157309
; PRIOR FILING DATE: 1999-10-01
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: Microsoft Office 97
; SEQ ID NO 13
; LENGTH: 1662
; TYPE: DNA
; ORGANISM: Glycine max
US-09-668-097A-13

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Alignment Scores:
Pred. No.: 351 Length: 1662
Score: 8.00 Matches: 8
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 2.64% Indels: 0
DB: 4 Gaps: 0

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US-10-047-021-86 (1-303) x US-09-668-097A-13 (1-1662)
Qy 15 LeuProLeuLeuLeuLeuLeu 22
Db 664 CTACCGCTCTCTCTCTCTCTT 641

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RESULT 12
US-09-668-097A-7
; Sequence 7, Application US/09668097A
; Patent No. 6673988
; GENERAL INFORMATION:
; APPLICANT: Cahoon, Edgar B.
; APPLICANT: Cahoon, Rebecca E.
; APPLICANT: Klein, Ted
; APPLICANT: Shen, Jennie
; TITLE OF INVENTION: Plant Lipases
; FILE REFERENCE: B1401 US NA
; CURRENT APPLICATION NUMBER: US/09/668,097A
; CURRENT FILING DATE: 2000-09-22
; PRIOR APPLICATION NUMBER: 60/157309
; PRIOR FILING DATE: 1999-10-01
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: Microsoft Office 97
; SEQ ID NO 7
; LENGTH: 1750
; TYPE: DNA
; ORGANISM: Oryza sativa
US-09-668-097A-7

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Pred. No.: 369 Length: 1750
Score: 8.00 Matches: 8
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 2.64% Indels: 0
DB: 4 Gaps: 0

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US-10-047-021-86 (1-303) x US-09-668-097A-7 (1-1750)

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Qy 14 SerLeuProLeuLeuLeuLeu 21
Db 264 TCCTTCCTCTCTCTCTCTCTCT 287

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RESULT 13
US-08-818-112-13/c
; Sequence 13, Application US/08818112
; Patent No. 6290969
; GENERAL INFORMATION:
; APPLICANT: Reed, Steven G.
; APPLICANT: Skeiky, Yasir A.W.
; APPLICANT: Dillon, Davin C.
; APPLICANT: Campos-Neto, Antonio
; APPLICANT: Houghton, Raymond
; APPLICANT: Vedvick, Thomas S.
; APPLICANT: Twardzik, Daniel R.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR IMMUNOTHERAPY
; TITLE OF INVENTION: AND DIAGNOSIS OF TUBERCULOSIS
; NUMBER OF SEQUENCES: 153
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED and BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/818,112

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/ FILING DATE: 13-MAR-1997
/ CLASSIFICATION: 424
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Maki, David J.
/ REGISTRATION NUMBER: 31,392
/ REFERENCE/DOCKET NUMBER: 210121.411C6
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (206) 622-4900
/ TELEFAX: (206) 682-6031
/ INFORMATION FOR SEQ ID NO: 13:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 1771 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
US-08-818-112-13

Alignment Scores:
Pred. No.: 373 Length: 1771
Score: 8.00 Matches: 8
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 2.64% Indels: 0
DB: 3 Gaps: 0

US-10-047-021-86 (1-303) x US-08-818-112-13 (1-1771)
QY 234 ProValGluLeuAlaValarg 241
DB 502 CCAGTCGAACGTGCTGCTGACGT 479

RESULT 14
US-08-818-111-13/c
/ Sequence 13, Application US/08818111
/ Patent No. 6338852
/ GENERAL INFORMATION:
/ APPLICANT: Reed, Steven G.
/ APPLICANT: Skeiky, Yasir A.W.
/ APPLICANT: Dillon, Davin C.
/ APPLICANT: Campos-Reto, Antonia
/ APPLICANT: Houghton, Raymond
/ APPLICANT: Vedvick, Thomas S.
/ APPLICANT: Twardzik, Daniel R.
/ TITLE OF INVENTION: COMPOUNDS AND METHODS FOR DIAGNOSIS OF
/ NUMBER OF SEQUENCES: 148
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: SEED and BERRY LLP
/ STREET: 6300 Columbia Center, 701 Fifth Avenue
/ CITY: Seattle
/ STATE: Washington
/ COUNTRY: USA
/ ZIP: 98104-7092
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/818,111
/ FILING DATE: 13-MAR-1997
/ CLASSIFICATION: 424
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Maki, David J.
/ REGISTRATION NUMBER: 31,392
/ REFERENCE/DOCKET NUMBER: 210121.417C6
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (206) 622-4900
/ TELEFAX: (206) 682-6031
/ INFORMATION FOR SEQ ID NO: 13:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 1771 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
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/ TOPOLOGY: linear
US-08-818-111-13

Alignment Scores:
Pred. No.: 373 Length: 1771
Score: 8.00 Matches: 8
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 2.64% Indels: 0
DB: 4 Gaps: 0

US-10-047-021-86 (1-303) x US-08-818-111-13 (1-1771)
QY 234 ProValGluLeuAlaValarg 241
DB 502 CCAGTCGAACGTGCTGCTGACGT 479

RESULT 15
US-09-056-556-13/c
/ Sequence 13, Application US/09056556
/ Patent No. 6350456
/ GENERAL INFORMATION:
/ APPLICANT: Reed, Steven G.
/ APPLICANT: Skeiky, Yasir A.W.
/ APPLICANT: Dillon, Davin C.
/ TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE PREVENTION AND
/ NUMBER OF SEQUENCES: 241
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: SEED and BERRY LLP
/ STREET: 6300 Columbia Center, 701 Fifth Avenue
/ CITY: Seattle
/ STATE: Washington
/ COUNTRY: USA
/ ZIP: 98104-7092
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/056,556
/ FILING DATE: 07-APR-1998
/ CLASSIFICATION:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Maki, David J.
/ REGISTRATION NUMBER: 31,392
/ REFERENCE/DOCKET NUMBER: 210121.457
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (206) 622-4900
/ TELEFAX: (206) 682-6031
/ INFORMATION FOR SEQ ID NO: 13:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 1771 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
US-09-056-556-13

Alignment Scores:
Pred. No.: 373 Length: 1771
Score: 8.00 Matches: 8
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 2.64% Indels: 0
DB: 4 Gaps: 0

US-10-047-021-86 (1-303) x US-09-056-556-13 (1-1771)
QY 234 ProValGluLeuAlaValarg 241
DB 502 CCAGTCGAACGTGCTGCTGACGT 479
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TREATM

Mon Jun 28 09:06:57 2004

us-10-047-021-86.oligo.rni

Page 14

Search completed: June 26, 2004, 13:09:17
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GenCore version 5.1.6
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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368	8	2.6	1005	16	US-10-291-265-172	Sequence 172, App	C 441	8	2.6	1647	17	US-10-308-163-7	Sequence 7, Appli
369	8	2.6	1010	13	US-10-027-632-256702	Sequence 256702, A	C 442	8	2.6	1653	13	US-10-425-114-31628	Sequence 31628, A
370	8	2.6	1010	16	US-10-027-632-256702	Sequence 256702, A	C 443	8	2.6	1657	9	US-09-984-245-69	Sequence 69, Appli
371	8	2.6	1017	13	US-10-425-114-21853	Sequence 21853, A	C 444	8	2.6	1657	10	US-09-966-262-69	Sequence 69, Appli
372	8	2.6	1050	9	US-09-764-877-325	Sequence 325, App	C 445	8	2.6	1657	10	US-09-983-966-69	Sequence 69, Appli
373	8	2.6	1050	16	US-10-243-515-325	Sequence 325, App	C 446	8	2.6	1657	13	US-10-059-393-69	Sequence 69, Appli
374	8	2.6	1092	10	US-09-989-442-157	Sequence 157, App	C 447	8	2.6	1657	15	US-10-143-090-69	Sequence 69, Appli
375	8	2.6	1119	13	US-10-363-616-177	Sequence 177, App	C 448	8	2.6	1662	13	US-10-276-774-1030	Sequence 1030, Ap
376	8	2.6	1138	13	US-10-425-114-31500	Sequence 31500, A	C 449	8	2.6	1668	13	US-10-425-114-2656	Sequence 2656, Ap
377	8	2.6	1140	13	US-10-027-632-252649	Sequence 252649, A	C 450	8	2.6	1695	13	US-10-425-114-27912	Sequence 27912, A
378	8	2.6	1140	16	US-10-027-632-252649	Sequence 252649, A	C 451	8	2.6	1733	13	US-10-425-114-31613	Sequence 31613, A
379	8	2.6	1144	13	US-10-425-114-31022	Sequence 31022, A	C 452	8	2.6	1771	15	US-10-193-002-13	Sequence 13, Appli
380	8	2.6	1165	13	US-10-027-632-116567	Sequence 116567, A	C 453	8	2.6	1771	15	US-10-084-843-13	Sequence 13, Appli
381	8	2.6	1165	16	US-10-027-632-116567	Sequence 116567, A	C 454	8	2.6	1783	16	US-10-108-260A-2170	Sequence 2170, Ap
382	8	2.6	1170	13	US-10-425-114-26510	Sequence 26510, A	C 455	8	2.6	1787	13	US-10-112-944-135	Sequence 135, App
383	8	2.6	1200	16	US-10-368-493-43394	Sequence 43394, A	C 456	8	2.6	1797	9	US-09-731-449-3	Sequence 3, Appli
384	8	2.6	1209	16	US-10-369-493-43832	Sequence 43832, A	C 457	8	2.6	1797	15	US-10-254-426-3	Sequence 3, Appli
385	8	2.6	1222	10	US-09-822-846-575	Sequence 575, App	C 458	8	2.6	1882	13	US-10-425-114-30415	Sequence 30415, A
386	8	2.6	1232	13	US-10-027-632-30649	Sequence 30649, A	C 459	8	2.6	1887	16	US-10-094-749-1572	Sequence 1572, Ap
387	8	2.6	1232	16	US-10-027-632-30649	Sequence 30649, A	C 460	8	2.6	2000	16	US-10-260-238-1623	Sequence 1623, Ap
388	8	2.6	1249	13	US-10-425-114-10816	Sequence 10816, A	C 461	8	2.6	2018	16	US-10-093-463-179	Sequence 179, App
389	8	2.6	1272	13	US-10-425-114-24635	Sequence 24635, A	C 462	8	2.6	2019	9	US-09-801-368-199	Sequence 199, App
390	8	2.6	1280	15	US-10-198-846-13951	Sequence 13951, A	C 463	8	2.6	2023	13	US-10-276-774-920	Sequence 920, App
391	8	2.6	1283	13	US-10-425-114-17599	Sequence 17599, A	C 464	8	2.6	2031	9	US-09-801-368-301	Sequence 301, App
392	8	2.6	1283	13	US-10-027-632-124495	Sequence 124495, A	C 465	8	2.6	2071	16	US-10-094-749-600	Sequence 600, App
393	8	2.6	1283	13	US-10-027-632-124495	Sequence 124495, A	C 466	8	2.6	2126	9	US-09-833-381-1979	Sequence 1979, Ap
394	8	2.6	1283	13	US-10-027-632-124495	Sequence 124495, A	C 467	8	2.6	2126	16	US-10-108-260A-1634	Sequence 1634, Ap
395	8	2.6	1283	16	US-10-027-632-124495	Sequence 124495, A	C 468	8	2.6	2197	13	US-10-425-114-15142	Sequence 15142, A
396	8	2.6	1283	16	US-10-027-632-124495	Sequence 124495, A	C 469	8	2.6	2226	16	US-10-104-047-1354	Sequence 1354, Ap
397	8	2.6	1283	16	US-10-027-632-124497	Sequence 124497, A	C 470	8	2.6	2283	13	US-10-282-122A-28019	Sequence 28019, A
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399	8	2.6	1286	15	US-10-136-819-1	Sequence 1, Appli	C 472	8	2.6	2288	13	US-10-425-114-14125	Sequence 14125, A
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402	8	2.6	1297	16	US-10-158-057-32	Sequence 32, Appli	C 475	8	2.6	2341	13	US-10-425-114-2607	Sequence 2607, Ap
403	8	2.6	1304	16	US-10-264-049-929	Sequence 929, App	C 476	8	2.6	2351	10	US-09-866-050A-544	Sequence 544, App
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405	8	2.6	1307	13	US-10-412-699B-447	Sequence 447, App	C 478	8	2.6	2355	13	US-10-425-114-26671	Sequence 26671, A
406	8	2.6	1307	13	US-10-225-066A-725	Sequence 725, App	C 479	8	2.6	2391	16	US-10-369-493-34262	Sequence 34262, A
407	8	2.6	1307	15	US-10-286-264-111	Sequence 111, App	C 480	8	2.6	2412	16	US-10-108-260A-2329	Sequence 2329, Ap
408	8	2.6	1307	16	US-10-374-780A-2395	Sequence 2395, Ap	C 481	8	2.6	2427	17	US-10-641-643-457	Sequence 457, App
409	8	2.6	1327	10	US-09-822-846-82	Sequence 82, Appli	C 482	8	2.6	2446	12	US-10-152-319A-1656	Sequence 1656, Ap
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411	8	2.6	1328	9	US-09-335-390A-2	Sequence 2, Appli	C 484	8	2.6	2462	10	US-09-774-381-43	Sequence 43, Appli
412	8	2.6	1335	13	US-10-425-114-10905	Sequence 10905, A	C 485	8	2.6	2462	15	US-10-303-688-6	Sequence 6, Appli
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416	8	2.6	1339	16	US-10-374-780A-2017	Sequence 2017, Ap	C 489	8	2.6	2520	15	US-10-289-161A-5	Sequence 5, Appli
417	8	2.6	1341	13	US-10-424-599-126934	Sequence 126934, A	C 490	8	2.6	2565	16	US-10-258-073-5	Sequence 5, Appli
418	8	2.6	1347	9	US-09-828-313-13	Sequence 13, Appli	C 491	8	2.6	2580	13	US-10-425-114-5212	Sequence 5212, Ap
419	8	2.6	1389	16	US-10-369-493-24255	Sequence 24255, A	C 492	8	2.6	2591	10	US-09-949-029-79	Sequence 79, Appli
420	8	2.6	1395	9	US-09-712-363-36	Sequence 36, Appli	C 493	8	2.6	2681	9	US-09-981-421-1	Sequence 1, Appli
421	8	2.6	1395	13	US-10-282-122A-28291	Sequence 28291, A	C 494	8	2.6	2681	15	US-10-212-287-6	Sequence 6, Appli
422	8	2.6	1434	13	US-10-282-132A-40716	Sequence 40716, A	C 495	8	2.6	2681	15	US-10-212-356A-6	Sequence 6, Appli
423	8	2.6	1434	16	US-10-369-493-24188	Sequence 24188, A	C 496	8	2.6	2681	15	US-10-171-581-327	Sequence 327, App
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425	8	2.6	1450	16	US-10-262-445-127	Sequence 127, App	C 498	8	2.6	2710	13	US-10-276-774-1333	Sequence 1333, Ap
426	8	2.6	1456	13	US-09-424-599-87287	Sequence 87287, A	C 499	8	2.6	2740	16	US-10-369-493-38996	Sequence 38996, A
427	8	2.6	1462	9	US-09-925-302-48	Sequence 48, Appli	C 500	8	2.6	2752	9	US-09-731-449-1	Sequence 1, Appli
428	8	2.6	1462	13	US-10-412-699B-327	Sequence 327, App	C 501	8	2.6	2752	15	US-10-254-426-1	Sequence 1, Appli
429	8	2.6	1462	13	US-09-925-302-48	Sequence 48, Appli	C 502	8	2.6	2858	16	US-10-104-047-1226	Sequence 1226, Ap
430	8	2.6	1521	13	US-10-424-599-63354	Sequence 63354, A	C 503	8	2.6	2871	15	US-10-303-683-4	Sequence 4, Appli
431	8	2.6	1557	13	US-10-424-599-60845	Sequence 60845, A	C 504	8	2.6	2906	15	US-10-303-683-3	Sequence 3, Appli
432	8	2.6	1579	9	US-09-925-297-327	Sequence 327, App	C 505	8	2.6	2906	16	US-10-353-690-113	Sequence 113, App
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434	8	2.6	1621	13	US-10-017-161-2093	Sequence 2093, App	C 507	8	2.6	2915	13	US-10-087-192-332	Sequence 332, App
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C 532	8	2.6	2997	15	US-10-223-064-337	Sequence 337, App	605	8	2.6	31718	10	US-09-764-891-9124	Sequence 9124, App
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871	7	2.3	267	15	US-10-015-219-436	Sequence 436, App	944	7	2.3	306	13	US-09-796-692-8749	Sequence 8749, Ap
872	7	2.3	267	15	US-10-015-219-569	Sequence 569, App	945	7	2.3	306	15	US-10-040-862-8749	Sequence 8749, Ap
873	7	2.3	267	15	US-10-015-219-577	Sequence 577, App	946	7	2.3	306	16	US-10-057-475B-8749	Sequence 8749, Ap
874	7	2.3	267	15	US-10-015-219-1722	Sequence 1722, Ap	947	7	2.3	306	16	US-10-154-884B-8749	Sequence 8749, Ap
875	7	2.3	268	13	US-10-027-632-66957	Sequence 66957, A	948	7	2.3	307	9	US-09-864-761-22970	Sequence 22970, A

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 Sequence 44696, A
 Sequence 123057, Ap
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 Sequence 8205, Ap
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 Sequence 21, Appl

PRIOR FILING DATE: 1997-09-05
 PRIOR APPLICATION NUMBER: 60/057,669
 PRIOR FILING DATE: 1997-09-05
 PRIOR APPLICATION NUMBER: 60/058,667
 PRIOR FILING DATE: 1997-09-12
 PRIOR APPLICATION NUMBER: 60/058,974
 PRIOR FILING DATE: 1997-09-12
 PRIOR APPLICATION NUMBER: 60/058,973
 PRIOR FILING DATE: 1997-09-12
 PRIOR APPLICATION NUMBER: 60/058,666
 PRIOR FILING DATE: 1997-09-12
 PRIOR APPLICATION NUMBER: 60/090,112
 PRIOR FILING DATE: 1998-06-22
 NUMBER OF SEQ ID NOS: 206
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 31
 LENGTH: 1346
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: SITE
 LOCATION: (637)
 OTHER INFORMATION: n equals a,t,g, or c
 FEATURE:
 NAME/KEY: SITE
 LOCATION: (850)
 OTHER INFORMATION: n equals a,t,g, or c
 US-10-411-224-31
 Alignment Scores:
 Pred. No.: 1.38e-277 Length: 1346
 Score: 300.00 Matches: 303
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 99.01% Indels: 0
 DB: 15 Gaps: 0
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 Db 31 ATGGGCTCTGGAGGAGACAGCTCTGGGGGGGAGGGGTTCCCTGCTGCTGCTGCTG 90
 QY 21 LeuileMetGlyGlyMetAlaGlnAspSerProGlnileLeuValHisProGlnAsp 40
 Db 91 CTCATCATGGAGGAGCATGGCTCAGGACTCCCGCCCGCCAGATCTTAGTCCACCCAGGAC 150
 QY 41 GlnLeuPheGlnGlyProGlyProAlaArgMetSerCysArgAlaSerGlyGlnProPro 60
 Db 151 CAGCTGTTCCAGGGCCCTGGCCCTGCGCAGATGAGCTGCGCAGCCTCAGCCAGCCACCT 210
 QY 61 ProThrileArgTrpLeuLeuAsnGlyGlnProLeuSerMetValProProAspProHis 80
 Db 211 CCCACCATTCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 270
 QY 81 HisLeuLeuProAspGlyThrLeuLeuLeuGlnProProAlaArgGlyHisAlaHis 100
 Db 271 CACCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 330
 QY 101 AspGlyGlnAlaLeuSerThrAspLeuGlyValTyrThrCysGlnAlaSerAsnArgLeu 120
 Db 331 GATGCCAGGCCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 390
 QY 121 GlyThrAlaValSerArgGlyAlaArgLeuSerValAlaValLeuArgGluAspPheGln 140
 Db 391 GGCACGCGAGTCAGCAGAGGCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 450
 QY 141 IleGlnProArgAspMetValAlaValValGlyGlnGlnPheThrLeuGluCysGlyPro 160
 Db 451 ATCCAGCTCGGGACATGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGG 510
 QY 161 ProTrpGlyHisProGluProThrValSerTrpTrpIysAspGlyLysProLeuAlaLeu 180

ALIGNMENTS

RESULT 1
 US-10-411-224-31
 ; Sequence 31, Application US/10411224
 ; Publication No. US20030186906A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Rosen et al.
 ; TITLE OF INVENTION: 50 Human Secreted Proteins
 ; FILE REFERENCE: P201621
 ; CURRENT APPLICATION NUMBER: US/10/411,224
 ; CURRENT FILING DATE: 2003-04-11
 ; PRIOR APPLICATION NUMBER: US/09/722,329
 ; PRIOR FILING DATE: 2000-11-28
 ; PRIOR APPLICATION NUMBER: 09/262,109
 ; PRIOR FILING DATE: 1999-03-04
 ; PRIOR APPLICATION NUMBER: 60/057,626
 ; PRIOR FILING DATE: 1997-09-05
 ; PRIOR APPLICATION NUMBER: 60/057,663

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Db 511 CCCTGGGGCCACCCAGAGCCACAGTCTCATGTGTGGAAGATGGGAAACCCCTGGCCCTC 570
Qy 181 GlnProGlyArgHisThrValSerGlyGlySerLeuLeuMetAlaArgAlaGluLysSer 200
Db 571 CAGCCCGGAAGGCACACAGTCTCCGGGGGGTCCCTGCTGATGGCAAGACAGAGAGT 630
Qy 201 AspGlu***ThrTyrMetCysValAlaThrAsnSerAlaGlyHisArgGluSerArgAla 220
Db 631 GACGAANGGACCTACATGTGTGTGCCCAACACAGCCAGGACACAGGAGCGCCGCA 690
Qy 221 AlaArgValSerIleGlnGluProGlnAspTyrThrGluProValGluLeuLeuAlaVal 240
Db 691 CCCGGGTTTCATCCAGGAGCCCCAGGACTACACGAGGCTGTGGAGCTTCTGGCTGTG 750
Qy 241 ArgIleGlnLeuGluAsnValThrLeuLeuAsnProAspProAlaGluGlyProLysPro 260
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Qy 281 ArgProCysSerGlyProArgLeuProArgGluAlaArgGluLeuArgGlyGlnArgArg 300
Db 871 CGGCTTGTTCAGGACCCAGACTGCCCGGAGGCCAGGAGCTCCCTGGGCAGAGAGG 930
Qy 301 AsnThrGly 303
Db 931 AACACAGGA 939

RESULT 2
US-10-047-021-31
; Sequence 31, Application US/10047021
; Publication No. US20040002591A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 50 Human Secreted Proteins
; FILE REFERENCE: PZ016P2
; CURRENT APPLICATION NUMBER: US/10/047,021
; CURRENT FILING DATE: 2002-01-15
; PRIOR APPLICATION NUMBER: US 60/262,066
; PRIOR FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: US 09/722,329
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: US 09/262,109
; PRIOR FILING DATE: 1999-03-04
; PRIOR APPLICATION NUMBER: PCT/US98/18360
; PRIOR FILING DATE: 1998-09-03
; PRIOR APPLICATION NUMBER: US 60/057,626
; PRIOR FILING DATE: 1997-09-05
; PRIOR APPLICATION NUMBER: US 60/057,663
; PRIOR FILING DATE: 1997-09-05
; PRIOR APPLICATION NUMBER: US 60/057,669
; PRIOR FILING DATE: 1997-09-05
; PRIOR APPLICATION NUMBER: US 60/058,667
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: US 60/058,974
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: US 60/058,973
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: US 60/058,666
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: US 60/090,112
; PRIOR FILING DATE: 1998-06-22
; NUMBER OF SEQ ID NOS: 206
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 31
; LENGTH: 1346
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (637)..(637)
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; OTHER INFORMATION: n equals a,t,g, or c
; NAME/KEY: misc feature
; LOCATION: (850)..(850)
; OTHER INFORMATION: n equals a,t,g, or c
US-10-047-021-31

Alignment Scores:
Pred. No.: 138e-277 Length: 1346
Score: 300.00 Matches: 303
Percent Similarity: 100.00% Conservatives: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 99.01% Indels: 0
DB: 15 Gaps: 0

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Qy 1 MetGlySerGlyGlyAspSerLeuLeuGlyGlyArgGlySerLeuProLeuLeuLeu 20
Db 31 ATGGGCTCTGAGGAGACAGACCTCTCTGGGGGAGGGGTTCCTGCTCTGCTGCTGCTG 90
Qy 21 LeuIleMetGlyGlyMetAlaGlnAspSerProGlnIleLeuValHisProGlnAsp 40
Db 91 CTCATCATGGAGGACATGGCTCAGGACTCCCGCCCCAGATCTTAGTCCACCCAGGAC 150
Qy 41 GlnLeuPheGlnGlyProGlyProAlaArgMetSerCysArgAlaSerGlyGlnProPro 60
Db 151 CAGCTGTTCCAGGGCCCTGGCCCTGCCAGATGAGCTGCCGAGCCTCAGGCCAGCCACT 210
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Db 271 CACCTCTGCTGTATGGACCTTCTGCTGTACAGCCCCCTGCCCGGGAGCATGCCAC 330
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; Sequence 49, Application US/10416090
; Publication No. US20040071711A1
; GENERAL INFORMATION:
; APPLICANT: Bicknell, Roy
; APPLICANT: Huminiecki, Lukasz
; TITLE OF INVENTION: IMAGING, DIAGNOSIS AND TREATMENT OF
; FILE REFERENCE: 12795-015US1
; CURRENT APPLICATION NUMBER: US/10/416,090
; PRIOR FILING DATE: 2003-10-15
; PRIOR APPLICATION NUMBER: PCT/US01/04906
; PRIOR FILING DATE: 2001-11-06
; PRIOR APPLICATION NUMBER: US 60/245,566
; PRIOR FILING DATE: 2000-11-06
; PRIOR APPLICATION NUMBER: US 60/273,662
; PRIOR FILING DATE: 2001-03-07
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 49
; LENGTH: 3651
; TYPE: DNA
; ORGANISM: Homo sapiens
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Score: 148.00 Matches: 264
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Best Local Similarity: 98.51% Mismatches: 2
Query Match: 48.84% Indels: 4
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Db 97 CTCATCATGGGAGGCAATGGCTCAGACTCCCCCGCCAGATCTCTAGTCCACCCAGGAC 156
Qy 41 GlnLeuPheGlnGlyProGlyProAlaArgMetSerCysArg-AlaSerGlyGlnProPr 60
Db 157 CAGCTGTTCAGGGCCCTGGCCCTGCGAGATGAGTGCCA-AGCCTCAGGCCAGCCACC 215
Qy 60 oProThrIleArgTrpLeuLeuAsnGlyGlnProLeuSerMetValProAspProHi 80
Db 216 TCCACCATCCGCTGTTCTGAATGGGCGAGCCCTGAGCATGGTGGCCCGCCAGACCCCA 275
Qy 80 sHisLeuLeuProAspGlyThrLeuLeuLeuGlnProProAlaArgGlyHisAlaHi 100
Db 276 CCACCTCTCTGCTGATGGACCTTCTGCTGCTACAGCCCTCTGCGGGGAGACATGCCA 335
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Qy 160 oProTrpGlyHisProGluProThrValSerTrpTrpLysAspGlyLysProLeuAlaLe 180
Db 516 GCCCTGGGGCCAGCCAGAGCCACAGTCTCATGTGTGAAAGATGGGAAACCCCTGGCCCT 575
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; Publication No. US20040071711A1
; GENERAL INFORMATION:
; APPLICANT: Bicknell, Roy
; APPLICANT: Huminiecki, Lukasz
; TITLE OF INVENTION: IMAGING, DIAGNOSIS AND TREATMENT OF
; FILE REFERENCE: 12795-015US1
; CURRENT APPLICATION NUMBER: US/10/416,090
; PRIOR FILING DATE: 2003-10-15
; PRIOR APPLICATION NUMBER: PCT/US01/04906
; PRIOR FILING DATE: 2001-11-06
; PRIOR APPLICATION NUMBER: US 60/245,566
; PRIOR FILING DATE: 2000-11-06
; PRIOR APPLICATION NUMBER: US 60/273,662
; PRIOR FILING DATE: 2001-03-07
; NUMBER OF SEQ ID NOS: 50
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; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (70)...(3381)
US-10-416-090-36
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Pred. No.: 1,37e-131 Length: 3715
Score: 148.00 Matches: 264
Percent Similarity: 98.51% Conservative: 0
Best Local Similarity: 98.51% Mismatches: 2
Query Match: 48.84% Indels: 4
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Qy 21 LeuLeuMetGlyGlyMetAlaGlnAspSerProGlnLeuLeuValHisProGlnAsp 40
Db 130 CTCATCATGGAGGCAATGGCTCAGGACTCCCGGCCAGATCTTAGTCCACCCAGGAC 189

Qy 41 GlnLeuPheGlnGlyProGlyProAlaArgMetSerCysArg-AlaSerGlyGlnProPr 60
Db 190 CAGTGTTCAGGGCCCTGGCCCTTCAGAGATGAGTGCAC-AGCTTCAGGCCAGCCACC 248
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Qy 80 sHisLeuLeuProAspGlyThrLeuLeuLeuGlnProAlaArgGlyHisAlaHi 100
Db 309 CCACCTCTGGCTGATGGAGCCCTTCGTCTACAGCCCTCGCTCCCGGGGACATGCCCA 368
Qy 100 sAspGlyGlnAlaLeuSerThrAspLeuGlyValTyrThrCysGluAlaSerAsnArgLe 120
Db 369 CGATGGCCAGGCCCTGTCCACAGACCTGGGTGTCTACACATGTGAGGCCAGCAACCGCT 428
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Db 429 TGGCAGCGCAGTCAGCAGAGCGCTCGGCTGTCTGTGGCTGTCTCCGGGAGGATTCCA 488
Qy 140 nIleGlnProArgAspMetValAlaValValGlyGluGlnPheThrLeuGluCysGlyPr 160
Db 489 GATCCAGCTCGGACATGGTGGTGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGG 548
Qy 160 oProTrpGlyHisProGluProThrValSerTrpTrpLysAspGlyLysProLeuAlaLe 180
Db 549 CCCCTGGGGCCACCAGAGCCACAGTCTCATGTGGTGGAAAGATGGGAAACCCCTGGGCCCT 608
Qy 180 uGlnProGlyArgHisThrValSerGlyGlySerLeuLeuMetAlaArgAlaGluLysSe 200
Db 609 CCAGCCCGAGGACACAGAGTGTCCGGGGGTCCCTGTGTATGATGAGAGAGAGAGAGAG 668
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Db 669 TGACGAAGG-GACCTACATGTGTGTGGCCACCAACAGCGCAGGACATAGGAGAGCCGCG 727
Qy 220 laAlaArgValSerIleGlnGluProGlnAspTyrThrGluProValGluLeuLeuAlav 240
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Qy 240 alArgIleGlnLeuGluAsnValThrLeuLeuAsnProAspProAlaGluGlyProLysP 260
Db 788 TGCGAATTCAGTGGAAATGTGACACTGTGTGAACCCGATCCTGCAGAGGGCCCCCAAGC 847
Qy 260 roArgProAlaValTrpLeu 266
Db 848 CTAGACCGCGGTGTGGCTC 867

RESULT 5
US-09-978-295A-210
; Sequence 210, Application US/09978295A
; Patent No. US2002015606A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnuyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;

APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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Query Match: 48.64% Indels: 4
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 ; APPLICANT: Ashkenazi, Avi
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 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
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; FILE REFERENCE: P26301C9
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APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C63
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Mismatches:	2
Query Match:	48.94%
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DB:	0

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DB	121	CAGGGCCCTGGCCCTGCCAGGATGAGTCACA-AGCCTCAGGCACGACCTCCCAACAT	179
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DB	180	CCGCTGGTTGCTGAATGGGCACGCCCTGAGCATGGTCCGCCCAAGACACACACACCTCCT	239
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QY	123	aValSerArgGlyAlaArgLeuSerValAlaValLeuArgGluAspPheGlnIleGlnPr	143
DB	360	AGTCAGCAGAGCGCTCGGCCTGTCTGGTGGTGTCTCCGGGAGGATTCAGATCCAGCC	419
QY	143	cArgAspMetValAlaValAlaValGlyGluGlnPheThrLeuGluCysGlyProProTrpGln	163
DB	420	TCGGGACATGGTGGCTGTGGTGGTGGAGCAGTTTACTCTGGAATGTGGCCCGCCCTGGGG	479
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DB	480	CCACCAGAGGCCACAGTCTCATGGTGGAAAGATGGGAAACCCCTGGCCCTCCAGCCCGG	539
QY	183	yArgHisThrValSerGlyGlySerLeuLeuMetAlaArgAlaGluLysSerAspGln**	203
DB	540	AAGGCACACAGTCTCGGGGGGTCCTCTGTATGGCAGAGCAGAGAGATGACAGAG	599
QY	203	*-ThrTyrMetCysValAlaThrAsnSerAlaGlyHisArgGluSerArgAlaAlaArgV	223
DB	600	-GACCCTACATGTGTGGCCACCAACAGCCAGACATAGGGAGAGCCCGCAGACCCGGG	658
QY	223	alSerIleGlnGluProGlnAspTyrThrGluProValGluLeuLeuAlaValArgIleG	243
DB	659	TTTTCATCCAGAGCCCCAGAGCTTACACGAGAGCTGTGGAGCTTCTGGCTGTGGCAATTC	718
QY	243	lnLeuGluAsnValThrLeuLeuAsnProAspProAlaGluGlyProLysProAspProAla	263


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; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PJC15
; CURRENT APPLICATION NUMBER: US/09/978,585A
; CURRENT FILING DATE: 2001-10-16
; NUMBER OF SEQ ID NOS: 624
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 210
; LENGTH: 3716
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-978-585A-210

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Qy 24 GlyGlyMetAlaGlnAspSerProProGlnIleLeuValHisProGlnAspGlnLeuPhe 43
Db 61 GGAGGCATGGCTCAGAGATCTCCCGCCCGCAGATCTAGTCCACCCCGACAGCAGCTGTC 120

Qy 44 GlnGlyProGlyProAlaArgMetSerCysArg-AlaSerGlyGlnProProProThrIle 63
Db 121 CAGGGCCCTGGCCCTGCCAGATGAGCTGCCA-AGGCTCAGGCGACCCACCTCCACCAT 179

Qy 63 eArgTrpLeuLeuAsnGlyGlnProLeuSerMetValProAspProHisHisLeuLeu 83
Db 180 CCGCTGTTGCTGATGGCGAGCCCTCAGCATGGTGCCTCCCGCAGACCCACACCTCTCT 239

Qy 83 uProAspGlyThrLeuLeuLeuLeuGlnProProAlaArgGlyHisAlaHisAspGlyGly 103
Db 240 GCGTATATGGACCTTCTGCTGTACAGCCCCCTGCCGGGGACATGCCCACGATGGCCA 299

Qy 103 nAlaLeuSerThrAspLeuGlyValTyThrCysGluAlaSerAsnArgLeuGlyThrAl 123
Db 300 GGCCTGTCCACAGACCTGGGTGCTACATGTGAGGCCAGCAACCGCTTGGCACCGC 359

Qy 123 aValSerArgGlyAlaArgLeuSerValAlaValLeuArgGluAspGlnIleGlnPr 143
Db 360 AGTCAGCAGAGCGCTCGGCTGTCTGTGGCTGCTCCTCCGGGAGGATTTCCAGATCCAGCC 419

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Db 420 TCGGCAGATGGTGGTGTGGTGTGAGCAGTTTTACTCTGGAATGTGGCCCGCCCTGGGG 479

Qy 163 yHisProGluProThrValSerTrpTrpLysAspGlyLysProLeuAlaLeuGlnProGln 183
Db 480 CCACCCAGAGCCCAAGTCTCATGGTGGAAAGATGGGAAACCCCTCGCCCTCCAGCCCGG 539

Qy 183 YArgHisThrValSerGlyGlySerLeuLeuMetAlaArgAlaGluLysSerAspGlu** 203
Db 540 AAGGCACACAGTGTCCGGGGGGTCCCTGCTGATGGCAAGAGCAGAGAGAGTGCAGAGG 599

Qy 203 *-ThrTyMetCysValAlaAlaThrAsnSerAlaGlyHisArgGluSerArgAlaAlaArgV 223
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123	a	v	a	l	s	e	r	a	r	g	l	y	a	l	a	r	g	l	e	u	s	e	r	v	a	l	a	l	a	v	a	l	l	e	u	a	r	g	l	e	u	a	s	p	p	h	e	i	n	l	e	g	i	n	p	r		143			
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203	*	-	t	h	r	t	y	-	m	e	t	c	y	s	v	a	l	a	l	a	t	h	r	a	s	n	s	e	r	a	l	a	g	l	y	h	i	s	g	l	e	u	s	e	r	a	r	g	a	l	a	i	a	r	g	v		223			
600	-	G	A	C	T	A	C	A	T	G	T	G	T	G	C	C	A	C	C	A	C	A	G	C	A	G	A	C	A	T	A	G	G	N	G	A	G	C	C	C	G	A	G	C	C	C	C		658												
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 ; PRIOR FILING DATE: 1998-05-05
 ; PRIOR APPLICATION NUMBER: 60/084414
 ; PRIOR FILING DATE: 1998-05-06
 ; PRIOR APPLICATION NUMBER: 60/084441
 ; PRIOR FILING DATE: 1998-05-06
 ; PRIOR APPLICATION NUMBER: 60/084637
 ; PRIOR FILING DATE: 1998-05-07
 ; PRIOR APPLICATION NUMBER: 60/084639
 ; PRIOR FILING DATE: 1998-05-07
 ; PRIOR APPLICATION NUMBER: 60/084640
 ; PRIOR FILING DATE: 1998-05-07
 ; PRIOR APPLICATION NUMBER: 60/084598
 ; PRIOR FILING DATE: 1998-05-07
 ; PRIOR APPLICATION NUMBER: 60/084600
 ; PRIOR FILING DATE: 1998-05-07
 ; PRIOR APPLICATION NUMBER: 60/084627
 ; PRIOR FILING DATE: 1998-05-07
 ; PRIOR APPLICATION NUMBER: 60/084643
 ; PRIOR FILING DATE: 1998-05-07
 ; PRIOR APPLICATION NUMBER: 60/085339
 ; PRIOR FILING DATE: 1998-05-13
 ; PRIOR APPLICATION NUMBER: 60/085338
 ; PRIOR FILING DATE: 1998-05-13
 ; PRIOR APPLICATION NUMBER: 60/085323
 ; PRIOR FILING DATE: 1998-05-13
 ; PRIOR APPLICATION NUMBER: 60/085582
 ; PRIOR FILING DATE: 1998-05-15
 ; PRIOR APPLICATION NUMBER: 60/085700
 ; PRIOR FILING DATE: 1998-05-15
 ; PRIOR APPLICATION NUMBER: 60/085689
 ; PRIOR FILING DATE: 1998-05-15
 ; PRIOR APPLICATION NUMBER: 60/085579
 ; PRIOR FILING DATE: 1998-05-15
 ; PRIOR APPLICATION NUMBER: 60/085580
 ; PRIOR FILING DATE: 1998-05-15
 ; PRIOR APPLICATION NUMBER: 60/085573
 ; PRIOR FILING DATE: 1998-05-15
 ; PRIOR APPLICATION NUMBER: 60/085704
 ; PRIOR FILING DATE: 1998-05-15
 ; PRIOR APPLICATION NUMBER: 60/085697

Alignment Scores:
 Pred. No.: 1.37e-131
 Score: 148.00
 Percent Similarity: 98.49%
 Best Local Similarity: 98.49%
 Query Match: 48.84%
 DB: 10
 Length: 3716
 Matches: 261
 Conservative: 0
 Mismatches: 2
 Indels: 4
 Gaps: 0

US-10-047-021-86 (1-303) x US-09-978-191A-210 (1-3716)

QY 4 GlyGlyAspSerLeuLeuGlyGlyArgGlySerLeuProLeuLeuLeuLeuLeuMet 23
 Db 1 GGAGGAGACAGCTCTGGGGGAGGGGTTCCCTGGCTCTGCTGCTCTCTCATCATG 60
 QY 24 GlyGlyMetAlaGlnAspSerProGlnIleLeuValHisProGlnAspGlnLeuPhe 43
 Db 61 GGAGGAGATGGCTCAGGACTCCCGCCCGCCAGATCTTAGTCCACCCCGAGGACAGCTGTC 120
 QY 44 GlnGlyProGlyProAlaArgMetSerCysArg-AlaSerGlyGlnProProThrIle 63
 Db 121 CAGGGCCCTGGCCCTGCCAGGATGAGTGCCA-AGCCTCAGGCGAGCCACCTCCACCAT 179
 QY 63 eArgTrpLeuLeuAsnGlyGlnProLeuSerMetValProProAspProHisHisLeuLeu 83
 Db 180 CCGCTGGTGTGAATGGGAGCCCTCAGCATGTGGTCCCGAGACCCACACCTCTCT 239
 QY 83 uProAspGlyThrLeuLeuLeuLeuGlnProProAlaArgGlyHisAlaHisAspGlyG 103
 Db 240 GCCTGATGGACCTCTCTGCTACAGCCCTCCCGGGGACATGCCACGATGGCCA 299
 QY 103 nAlaLeuSerThrAspLeuGlyValTyThrCysGluAlaSerAsnArgLeuGlyThrAl 123
 Db 300 GGCCCTGTCCACAGACCTGGGTGTCTACACATGTAGGCGCAGCAACCCGCTTGGCAGGC 359
 QY 123 aValSerArgGlyAlaArgLeuSerValAlaValLeuArgGluAspPheGlnIleGlnPr 143
 Db 360 AGTCAGCAGAGCGCTCGGCTGTCTGGCTGTCTCCGGGAGGATTTCCAGATCCAGCC 419
 QY 143 oArgAspMetValAlaValValGlyGlnPheThrLeuGluCysGlyProProTrpGl 163
 Db 420 TCGGACATGTGTGGTGTGGTGTGGTGTGGTGTGGTGTGGTGTGGTGTGGTGTGGT 479
 QY 163 yHisProGluProThrValSerTrpTrpLysAspGlyLysProLeuAlaLeuGlnProGl 183
 Db 480 CCACCCAGAGCCACAGTCTCATGTGGAAATGGAAATGGAAATGGAAATGGAAATGG 539
 QY 183 yArgHisThrValSerGlySerLeuLeuMetAlaArgAlaGluLysSerAspGlu** 203
 Db 540 AAGGCACACAGTGTCCGGGGGTCCCTGCTGATGCAAGAGCAGAGAGAGAGAGAGAG 599
 QY 203 *-ThrTyMetCysValAlaThrAsnSerAlaGlyHisArgGluSerArgAlaAlaArgV 223
 Db 600 -GACCTTACATGTGTGGCCACCAACAGCGCAGGACATAGGAGAGAGAGAGAGAG 658
 QY 223 aSerIleGlnGluProGlnAspTyThrGluProValGluLeuLeuAlaValArgIleG 243
 Db 659 TTTCATTCAGAGAGCCCGAGGACTACAGGAGCTGTGGAGCTTCTGGCTGTGGAGATTC 718
 QY 243 lnLeuGluAsnValThrLeuLeuAsnProAspProAlaGluGlyProLysProArgProA 263
 Db 719 AGCTGGAAATGTGACACTGTGAACCCGGATCTGCAGAGGGGCCCCCAAGCCTAGACCG 778
 QY 263 laValTrpLeu 266
 Db 779 CGGTGTGGCTC 789

RESULT 13
 US-09-978-403A-210
 ; Sequence 210, Application US/09978403A
 ; Publication No. US20030050240A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Baker Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan
 ; APPLICANT: Ferrara, Napoleon
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavini, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C17
CURRENT APPLICATION NUMBER: US/09/978,403A
CURRENT FILING DATE: 2002-03-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
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PRIOR FILING DATE: 1998-03-11
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PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
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PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392
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PRIOR APPLICATION NUMBER: 60/083558
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083742

QY	103	nAlaLeuSerThrAspLeuGlyValTyrThrCysGluAlaSerAsnArgLeuGlyThrAl	121
Db	300	GGCCCTGTCACACACCTGGGTGTCTACACATGTGAGGCGACCAACCGCTTGGCACCGC	359
QY	123	aValSerArgGlyAlaArgLeuSerValAlaValLeuArgGluAspPheGlnIleGlnPr	143
Db	360	AGTCACGACAGAGCGCTCGGCTGTCTGTGGCTGTCTCTCCGGGAGGATTTCCAGATCCAGCC	419
QY	143	oArgAspMetValAlaValValGlyGluGlnPheThrLeuGluCysGlyProProTrpGl	163
Db	420	TCGGGACATGCTGGCTGTGGTGGGTGAGCAGTTTACTCTGGAATGTGGCGCCCTTGGGG	479
QY	163	yHisProGluProThrValSerThrTrpTrpLysAspGlyLysProLeuAlaLeuGlnProGl	183
Db	480	CCACCCAGAGCCCAACAGTCTCATGGTGGAAAGATGGGAAACCCCTGGCCCTCCAGCCCG	539
QY	183	vArgHisThrValSerGlyGlySerLeuLeuMetAlaArgAlaGluLysSerAspGlu**	203
Db	540	AAGGACACACATGCTCCGGGGGTCCCTGCTGATGGCAAGACGACAGAGTACGGAAG	599
QY	203	*-ThyTrMetCysValAlaAlaThrAsnSerIaGlyHisArgGluSerArgAlaAlaArgV	223
Db	600	-GACCTACATGTGTGTGGCCACCAACAGCCGAGACATAGGGAGAGCCGCGACGCCCGG	658
QY	223	alSerIleGlnGluProGlnAspTyrThrGluProValGluLeuLeuAlaValArgIleG	243
Db	659	TTTCCATCCAGAGGCCCGACGACTACACGAGGCTGTGGAGCTTCTGGCTGTGCGAATTC	718
QY	243	lnLeuGluAsnValThrIleuLeuAsnProAspProIaGluGlyProLysProArgProA	263
Db	719	AGCTGGAAATGTGACACTGTCTGAACCCGGATCTTGACAGAGGGCCCCAAGCCTAGACCG	778
QY	263	laValTrpLeu 266	
Db	779	CGGTGTGGCTC 789	
RESULT 14			
US-09-978-564A-210			
; Sequence 210, Application US/09978564A			
; Publication No. TS20030050241A1			
; GENERAL INFORMATION:			
; APPLICANT: Askenazi, Avi			
; APPLICANT: Baker, Kevin P.			
; APPLICANT: Botstein, David			
; APPLICANT: Desnoyers, Luc			
; APPLICANT: Eaton, Dan			
; APPLICANT: Ferrara, Napoleon			
; APPLICANT: Filvaroff, Ellen			
; APPLICANT: Fong, Sherman			
; APPLICANT: Gao, Wei-Qiang			
; APPLICANT: Gerber, Hanspeter			
; APPLICANT: Gerritsen, Mary E.			
; APPLICANT: Goddard, Audrey			
; APPLICANT: Godowski, Paul J.			
; APPLICANT: Grimaldi, J. Christopher			
; APPLICANT: Gurney, Austin L.			
; APPLICANT: Hillan, Kenneth J.			
; APPLICANT: Kiljavin, Ivar J.			
; APPLICANT: Kuo, Sophia S.			
; APPLICANT: Napier, Mary A.			
; APPLICANT: Pan, James			
; APPLICANT: Paoni, Nicholas F.			
; APPLICANT: Roy, Margaret Ann			
; APPLICANT: Shelton, David L.			
; APPLICANT: Stewart, Timothy A.			
; APPLICANT: Tumas, Daniel			
; APPLICANT: Williams, P. Mickey			
; APPLICANT: Wood, William I.			
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic			
; TITLE OF INVENTION: Acids Encoding the Same			
; FILE REFERENCE: P2630PIC25			
; CURRENT APPLICATION NUMBER: US/09/978,564A			

;; PRIOR APPLICATION NUMBER: 60/085338
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085323
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085582
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085700
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085689
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085579
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085580
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085573
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Alignment Scores:

Pred. No.: 1.37e-131 Length: 3716
Score: 148.00 Matches: 261
Percent Similarity: 98.49% Conservativeness: 0
Best Local Similarity: 98.49% Mismatches: 2
Query Match: 48.84% Indels: 4
DB: 10 Gaps: 0

US-10-047-021-86 (1-303) x US-09-978-564A-210 (1-3716)

Qy 4 GlyGlyAspSerLeuLeuGlyValArgGlySerLeuProLeuLeuLeuLeuMet 23
Db 1 GGAGGAGACACCCCTCCCTGGGGGAGGGGTTCCCTGCTCTGCTGCTCTGCTCATG 60
Qy 24 GlyGlyMetAlaGlnAspSerProProGlnLeuValHisProGlnAspGlnLeuPhe 43
Db 61 GGAGGATGGCTCAGGACTCCCGCCCGCCAGATCCTAGTCCACCCCGAGGACCGTCTTC 120
Qy 44 GlnGlyProGlyProAlaArgMetSerCysArg-AlaSerGlyGlnProProThrill 63
Db 121 CAGGCGCCCTGCCCTGCAGGATGAGTGCCTGCCA-AGCCTCAGGCGGACGACCTCCACCAT 179
Qy 63 eArgTrpLeuLeuGlnGlyGlnProLeuSerMetValProProAspProHisHisLeuLe 83
Db 180 CCGCTGGTGTGTAATGGGAGCCCTTGAGCATGTGTGCTGCTGCTGCTGCTGCTGCTGCT 239
Qy 83 uProAspGlyThrLeuLeuLeuGlnProProAlaArgGlyHisAlaHisAspGlyG 103
Db 240 GCCTGATGGAGCCCTTCTGCTGCTACAGCCCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 299
Qy 103 nAlaLeuSerThrAspLeuGlyValThrCysGluAlaSerAsnArgLeuGlyThrAl 123
Db 300 GCGCCCTGCTCCACAGACCTGGGTGTCTACATGTGAGGCGGAGCAACCGGCTTGGCAGCGC 359
Qy 123 aValSerArgGlyAlaArgLeuSerValAlaValLeuArgGluAspPheGlnIleGlnPr 143
Db 360 AGTCAGCAGAGGGCTCGCTGTCTGTGGCTGCTCTCGGGGAGGATTTCCAGATCCAGCC 419
Qy 143 oArgAspMetValAlaValValGlyGlnPheThrLeuGluCysGlyProProThrTrpGl 163
Db 420 TCGGAGCATGGTGTGTGTGGGTGAGCATGTTTACTCTGGAATGTGGCGCCGCTCGGG 479
Qy 163 yHisProGlnProThrValSerTrpTrpLysAspGlyLysProLeuAlaLeuGlnProGl 183
Db 480 CCACCCAGAGCCACAGTCTCTATGTGTGAAGATGGGAAACCCCTGGGCTCCGAGCCCGG 539
Qy 183 yArgHisThrValSerGlySerLeuLeuMetAlaArgAlaGluLysSerAspGlu** 203
Db 540 AAGGCACACAGTGTCCGGGGGTCTCTGCTGATGGCAAGAGCAGAGAGAGTGCAGAGG 599
Qy 203 *ThrTyrMetCysValAlaThrAnSerAlaGlyHisArgGluSerArgAlaAlaArgV 223
Db 600 -GACCTATAGTGTGTGGCCCAACAGCGGAGGACATAGGAGAGCGCGGAGCGCCCGG 658

Qy 223 alserIleGlnGluProGlnAspTyrThrGluProValGluLeuLeuAlaValArgIleG 243
Db 659 TTTCCATCCAGAGGCCCCAGGACTACACGAGCGCTGTGGAGCTTCTGCTGTGCGAATTC 718
Qy 243 InLeuGluAsnValThrLeuLeuAnProAspProAlaGluGlyProLysProArgProA 263
Db 719 AGCTGGAATGTGACTGCTGTAACCCCGGATCTCTGCAGAGGCGCCCAAGCCTAGACCGG 778
Qy 263 laValTripleu 266
Db 779 CGGTGTGGCTC 789

RESULT 15

US-09-999-833A-210
; Sequence 210, Application US/09999833A
; Publication No. US20030054405A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Fertara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC65
; CURRENT APPLICATION NUMBER: US/09/999,833A
; CURRENT FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
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; PRIOR APPLICATION NUMBER: 60/077450
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; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
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; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886

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2	PRIOR APPLICATION NUMBER: 60/078936	2	PRIOR FILING DATE: 1998-04-22
3	PRIOR FILING DATE: 1998-03-20	3	PRIOR APPLICATION NUMBER: 60/082796
4	PRIOR APPLICATION NUMBER: 60/078910	4	PRIOR FILING DATE: 1998-04-23
5	PRIOR FILING DATE: 1998-03-20	5	PRIOR APPLICATION NUMBER: 60/083336
6	PRIOR APPLICATION NUMBER: 60/078939	6	PRIOR FILING DATE: 1998-04-27
7	PRIOR FILING DATE: 1998-03-20	7	PRIOR APPLICATION NUMBER: 60/083322
8	PRIOR APPLICATION NUMBER: 60/079294	8	PRIOR FILING DATE: 1998-04-28
9	PRIOR FILING DATE: 1998-03-25	9	PRIOR APPLICATION NUMBER: 60/083392
10	PRIOR APPLICATION NUMBER: 60/079656	10	PRIOR FILING DATE: 1998-04-29
11	PRIOR FILING DATE: 1998-03-26	11	PRIOR APPLICATION NUMBER: 60/083495
12	PRIOR APPLICATION NUMBER: 60/079664	12	PRIOR FILING DATE: 1998-04-29
13	PRIOR FILING DATE: 1998-03-27	13	PRIOR APPLICATION NUMBER: 60/083496
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18	PRIOR APPLICATION NUMBER: 60/079728	18	PRIOR FILING DATE: 1998-04-29
19	PRIOR FILING DATE: 1998-03-27	19	PRIOR APPLICATION NUMBER: 60/083554
20	PRIOR APPLICATION NUMBER: 60/079786	20	PRIOR FILING DATE: 1998-04-29
21	PRIOR FILING DATE: 1998-03-27	21	PRIOR APPLICATION NUMBER: 60/083558
22	PRIOR APPLICATION NUMBER: 60/079920	22	PRIOR FILING DATE: 1998-04-29
23	PRIOR FILING DATE: 1998-03-30	23	PRIOR APPLICATION NUMBER: 60/083559
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27	PRIOR FILING DATE: 1998-03-31	27	PRIOR APPLICATION NUMBER: 60/083742
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30	PRIOR APPLICATION NUMBER: 60/080165	30	PRIOR FILING DATE: 1998-05-05
31	PRIOR FILING DATE: 1998-03-31	31	PRIOR APPLICATION NUMBER: 60/084414
32	PRIOR APPLICATION NUMBER: 60/080194	32	PRIOR FILING DATE: 1998-05-06
33	PRIOR FILING DATE: 1998-03-31	33	PRIOR APPLICATION NUMBER: 60/084441
34	PRIOR APPLICATION NUMBER: 60/080327	34	PRIOR FILING DATE: 1998-05-06
35	PRIOR FILING DATE: 1998-04-01	35	PRIOR APPLICATION NUMBER: 60/084637
36	PRIOR APPLICATION NUMBER: 60/080328	36	PRIOR FILING DATE: 1998-05-07
37	PRIOR FILING DATE: 1998-04-01	37	PRIOR APPLICATION NUMBER: 60/084639
38	PRIOR APPLICATION NUMBER: 60/080333	38	PRIOR FILING DATE: 1998-05-07
39	PRIOR FILING DATE: 1998-04-01	39	PRIOR APPLICATION NUMBER: 60/084640
40	PRIOR APPLICATION NUMBER: 60/080334	40	PRIOR FILING DATE: 1998-05-07
41	PRIOR FILING DATE: 1998-04-01	41	PRIOR APPLICATION NUMBER: 60/084598
42	PRIOR APPLICATION NUMBER: 60/081070	42	PRIOR FILING DATE: 1998-05-07
43	PRIOR FILING DATE: 1998-04-08	43	PRIOR APPLICATION NUMBER: 60/084600
44	PRIOR APPLICATION NUMBER: 60/081049	44	PRIOR FILING DATE: 1998-05-07
45	PRIOR FILING DATE: 1998-04-08	45	PRIOR APPLICATION NUMBER: 60/084627
46	PRIOR APPLICATION NUMBER: 60/081071	46	PRIOR FILING DATE: 1998-05-13
47	PRIOR FILING DATE: 1998-04-08	47	PRIOR APPLICATION NUMBER: 60/085323
48	PRIOR APPLICATION NUMBER: 60/081195	48	PRIOR FILING DATE: 1998-05-13
49	PRIOR FILING DATE: 1998-04-08	49	PRIOR APPLICATION NUMBER: 60/085463
50	PRIOR APPLICATION NUMBER: 60/081203	50	PRIOR FILING DATE: 1998-05-07
51	PRIOR FILING DATE: 1998-04-09	51	PRIOR APPLICATION NUMBER: 60/085339
52	PRIOR APPLICATION NUMBER: 60/081229	52	PRIOR FILING DATE: 1998-05-13
53	PRIOR FILING DATE: 1998-04-09	53	PRIOR APPLICATION NUMBER: 60/085338
54	PRIOR APPLICATION NUMBER: 60/081955	54	PRIOR FILING DATE: 1998-05-13
55	PRIOR FILING DATE: 1998-04-15	55	PRIOR APPLICATION NUMBER: 60/085579
56	PRIOR APPLICATION NUMBER: 60/081838	56	PRIOR FILING DATE: 1998-05-15
57	PRIOR FILING DATE: 1998-04-15	57	PRIOR APPLICATION NUMBER: 60/085582
58	PRIOR APPLICATION NUMBER: 60/082568	58	PRIOR FILING DATE: 1998-05-15
59	PRIOR FILING DATE: 1998-04-15	59	PRIOR APPLICATION NUMBER: 60/085580
60	PRIOR APPLICATION NUMBER: 60/081819	60	PRIOR FILING DATE: 1998-05-15
61	PRIOR FILING DATE: 1998-04-15	61	PRIOR APPLICATION NUMBER: 60/085700
62	PRIOR APPLICATION NUMBER: 60/081952	62	PRIOR FILING DATE: 1998-05-15
63	PRIOR FILING DATE: 1998-04-15	63	PRIOR APPLICATION NUMBER: 60/085689
64	PRIOR APPLICATION NUMBER: 60/081838	64	PRIOR FILING DATE: 1998-05-15
65	PRIOR FILING DATE: 1998-04-15	65	PRIOR APPLICATION NUMBER: 60/085579
66	PRIOR APPLICATION NUMBER: 60/082568	66	PRIOR FILING DATE: 1998-05-15
67	PRIOR FILING DATE: 1998-04-21	67	PRIOR APPLICATION NUMBER: 60/085580
68	PRIOR APPLICATION NUMBER: 60/0		

Percent Similarity: 98.49% Conservative: 0
Best Local Similarity: 98.49% Mismatches: 2
Query Match: 48.84% Indels: 4
DB: 10 Gaps: 0

US-10-047-021-86 (1-303) x US-09-999-833A-210 (1-3716)

QY	4	GlyGlyAspSerLeuLeuGlyGlyArgGlySerLeuProLeuLeuLeuLeuMet	23
Db	1	GGAGGAGACAGCCCTCTGGGGGACAGGGTTCCCTGCCCTCTGCTGCTCTGCTCATG	60
QY	24	GlyGlyMetAlaGlnAspSerProProGlnIleLeuValHisProGlnAspGlnLeuPhe	43
Db	61	GGAGGCATGGCTCAGACTCCCGCCGCCAGATCCTAGTCCACGCCCCAGGACCAGGTGTC	120
QY	44	GlnGlyProGlyProAlaArgMetSerCysArg-AlaSerGlyGlnProProProThrIle	63
Db	121	CAGGGCCCTGGCCCTGCCAGGATGAGCTGCCA-AGCCTCAGGCCAGCCACCTCCACCAT	179
QY	63	eArgTTPLeuLeuAsnGlyGlnProLeuSerMetValProProAspProHisLeuLeu	83
Db	180	CCGCTGGTTGCTGAATGGGAGGCCCTGAGCATGGTGGCCCCCAGACCCACACCCCTCT	239
QY	83	uProAspGlyThrLeuLeuLeuGlnProProAlaArgGlyHisAlaHisaspGlyCl	103
Db	240	GCCTGATGGGACCCCTTCTGCTGCTACAGCCCTCTGCCGGGGACATGCCACGATGCCA	299
QY	103	nAlaLeuSerThrAspLeuGlyValTyrThrCysGluAlaSerAsnArgLeuGlyThrAl	123
Db	300	GGCCCTGTCCACAGACTCTGGGTGTACACATGTGAGGCCAGCAACGGCTTGGCACGGC	359
QY	123	aValSerArgGlyAlaArgLeuSerValAlaValLeuArgGluAspPheGlnIleGlnPr	143
Db	360	AGTCAGCAGAGGGCTCGGCTGTCTGTGGTGTCTCTCCGGGAGGATTTCCAGATCCAGCC	419
QY	143	oArgAspMetValAlaValValGlyGluGlnPheThrLeuGluCysGlyProProTpgl	163
Db	420	TCGGGACATGTGCTGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGG	479
QY	163	yHisProGluProThrValSerTTPTrpLysAspGlyLysProLeuAlaLeuGlnProGl	183
Db	480	CCACCCAGAGCCCAAGTCTCATGTGGAAAGATGGGAACCCCTGGCCCTCCAGGCCGG	539
QY	183	yArgHisThrValSerGlyGlySerLeuLeuMetAlaArgAlaGluLysSerAspGlu**	203
Db	540	AAGGCACACAGTGTCCGGGGGTCCCTGCTGATGGCAAGAGCAGAGAAGAGTGCAGAGG	599
QY	203	*-ThrTyrMetCysValAlaThrAsnSerAlaGlyHisArgGluSerArgAlaAlaArgV	223
Db	600	-GACCTACATGTGTGGCCCAACACAGCCGAGACATAGGGAGAGCCCGCCGCGCGG	658
QY	223	alSerIleGlnGluProGlnAspTyrThrGluProValGluLeuLeuAlaValArgIleG	243
Db	659	TTTCCATCCAGAGGCCCCAGGACTACACGGAGCCTGTGGAGCTTCTGGCTGTGCAATTC	718
QY	243	lnLeuGluAsnValThrLeuLeuAsnProAspProAlaGluGlyProLysProArgProA	263
Db	719	AGCTGGAAATGTGACACTGTGAACCCGGATCTCTGCAGAGGGCCCCAAGCCTAGACCG	778
QY	263	laValTTPLeu	266
Db	779	CGGTGTGGCTC	789

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Job time : 373 secs

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